

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES

Harrisburg



1973

ANNUAL REPORT  
of the  
OFFICE OF MINES AND LAND PROTECTION



1973 00 00





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DEPARTMENT OF ENVIRONMENTAL RESOURCES

Harrisburg

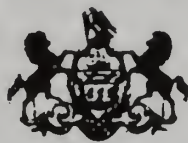


1973

ANNUAL REPORT  
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# COMMONWEALTH OF PENNSYLVANIA



## DEPARTMENT OF ENVIRONMENTAL RESOURCES

P. O. BOX 1467

HARRISBURG, PENNSYLVANIA 17120

The Secretary

June 30, 1974

The Honorable Milton J. Shapp  
Governor  
Commonwealth of Pennsylvania  
Harrisburg, Pennsylvania 17120

Dear Governor Shapp:

The Department of Environmental Resources herewith submits the 1973 Annual Activities Report of the Office of Mines and Land Protection. The data on bituminous and anthracite coal mining is in compliance with the Pennsylvania Bituminous Coal Mine Act (July 17, 1961, P.L. 659), as amended, and the Pennsylvania Anthracite Coal Mine Act (November 10, 1965, P.L. 346), as amended.

The Foreword and Highlights of Accomplishments in this report clearly demonstrate the progress in mineral production, safety and environmental protection which has been achieved during 1973.

I am pleased to transmit this record of accomplishment to you with the view that our organizational approach and program structure is providing the Commonwealth with efficient and effective management.

This edition represents the 104th consecutive Annual Report concerning the Anthracite and Bituminous Coal mining activities in the Commonwealth of Pennsylvania.

Sincerely yours,

*Maurice K. Goddard*  
MAURICE K. GODDARD

## FOREWORD....

The programs under the Office of Mines and Land Protection were significantly affected during 1973 by the energy shortage situation. This was manifested by substantial gains in the value of our extracted energy resources. Increases in permit applications portend even greater production of these resources during 1974. This accelerating activity has placed increased pressures on our staffs to assure adequate protection of the safety of workers in energy extraction as well as protection of our environment.

This year the Annual Report includes preliminary figures for production of non-coal resources by surface mining. We expect to expand this information in future reports.

The success of the efforts of our safety and environmental protection staffs, in meeting the important renewed emphasis on energy production, is clearly indicated by:

- (1) The lowest coal mine fatality total and rate in the Commonwealth's history.
- (2) The highest strip mine production total in twenty-five years despite national, if not world, recognized leadership in reclamation requirements and enforcement.
- (3) Significant reductions in premiums for mine subsidence insurance to protect private dwellings.
- (4) Diligent efforts in gas and oil well plugging control despite a fifty percent increase in drilling activity.
- (5) Implementation of improved coal refuse disposal regulations.

Pennsylvania's citizens have every reason to be proud of its public servants whose task it is to protect the health, safety, and environment of workers and the public who are exposed to the adverse effects of mining. We will continue to strive for a goal of maintaining this protection while encouraging development of our essential energy resources.

WALTER N. HEINE  
Associate Deputy Secretary  
for Mines & Land Protection

## OFFICE OF MINES AND LAND PROTECTION HIGHLIGHTS OF ACCOMPLISHMENTS - 1973

### BUREAU OF DEEP MINE SAFETY

The Bureau is responsible for the enforcement of the anthracite and bituminous and metal and non-metal mining laws of the Commonwealth which provide for the health and safety of persons employed in and about mines and for the protection and preservation of property connected with them.

An inspection staff conducts safety inspections of all underground mines, cleaning and preparation plants, breakers, washeries and banks, and inspections are made of all new and reconditioned equipment used in mines, various types of installations, technological improvements, mining within safety zones, requests to conduct multiple blasting, requests for the use of auxiliary blower fans, roof bolting plans, gas ignitions, fan stoppages, ventilation, control of coal dust, rockdusting methods, underground transportation systems and plans of mining.

During 1973 an order was issued to all bituminous underground mine inspectors to have bituminous coal operators install full roof supports in all operations.

Legislation was adopted to provide mine rescue crews in the anthracite and bituminous regions adequate time for training purposes.

We continued to see a trend towards reduced fatal accidents in deep mining and recorded 14 such accidents in 1973 compared to 20 last year.

The Mining Enforcement and Safety Administration of the U.S. Department of the Interior approved a grant of \$120,800 for operation of a mining machine operator's training school at the Florence Mining Company's simulated mine in Seward. The school will train approximately 200 apprentice miners annually.

### BUREAU OF SURFACE MINE RECLAMATION

Responsible for enforcing the Surface Mining Conservation and Reclamation Act, the Bureau controls all aspects of surface mining.

During the year, the Bureau's application workload increased considerably due to a higher number of applications from pit and quarry surface mining companies.

Requests for permits for surface coal mines are also spiraling upward as a result of increased demand for that source of energy. The Bureau is continuing its enforcement program to assure proper reclamation, water pollution control and minimization of complaints over blasting.

Bureau staff provided considerable input into the technical aspects of pending Federal surface mine legislation. In particular, the modified block-cut method of mining developed here has strongly influenced the Federal legislation and has resulted in the staff sponsoring many tours for Congressmen and interested groups from other states to view this method of mining in the field.



## BUREAU OF LAND PROTECTION

The Mine Subsidence Insurance Division conducted an intensive sales campaign to acquaint the public with new rate reductions and the recent availability of subsidence insurance for commercial properties.

A total of 1,846 policies were written during 1973 with a volume of \$47,631,100. A net volume of \$115,659,400 was in force at the close of the year.

Claims totaling \$188,011.10 were paid to policy holders whose property was damaged by mine subsidence at abandoned mine workings.

The Division of Mine Subsidence Regulation provided subsidence evaluations to public school districts for all new school building construction in the bituminous field. Subsidence studies and information were also provided to nearly 1,000 individuals, land developers and public officials.

The Division maintains a continuing program of study and collection of maps of abandoned mines to enable it to provide these services in addition to regulating the active bituminous mining industry to prevent subsidence damage in the future.

The Division of Oil and Gas experienced a 50 per cent increase in drilling activity in the Commonwealth's oil and gas field in 1973. Price increases for crude oil and gas at the wellhead undoubtedly will cause even more increases in activity in the near future.

The Division regulates the drilling, production, plugging and abandonment of the State's oil and gas resources to protect surface and groundwater from pollution and to insure safe mining conditions where oil and gas are produced in mining areas.

Three new underground gas storage areas were approved for testing during 1973 as part of the Division's program for assuring the public safety at gas storage areas.

The Solid Waste Management Division continued to stress the need for local waste management plans and programs that will maximize the potential for future recycling and resource recovery systems.

New regulations were adopted to control the disposal of coal refuse and regulations were drafted for the processing and storage of out of service automobiles.

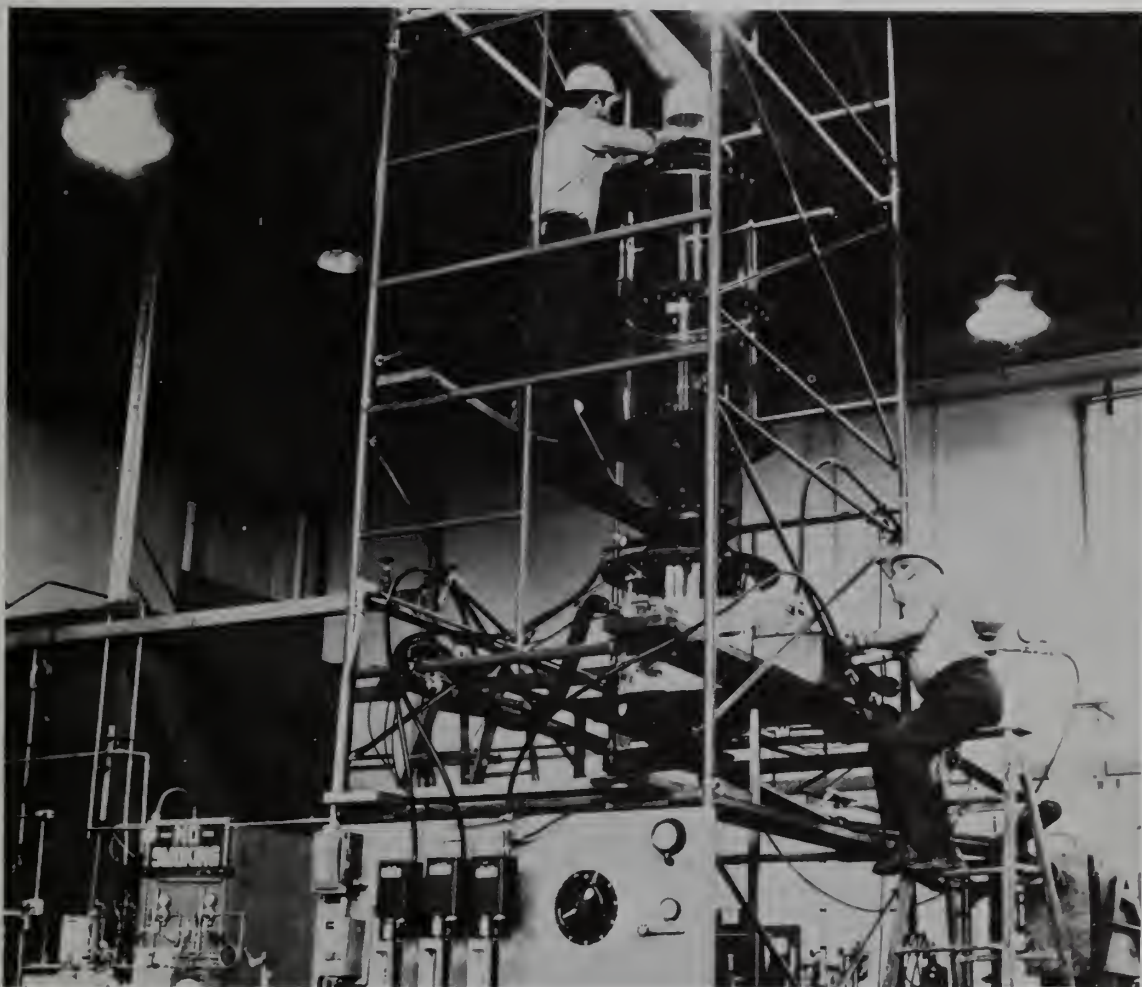
The Division continued to press for upgrading of existing solid waste disposal practices for the 12 million tons of domestic solid waste generated each year in the State.

## BUREAU OF OCCUPATIONAL HEALTH

The past year brought a major change in program emphasis for the Bureau following the Federal preemption of much of its responsibilities.

The Bureau now covers State and local government workers and workplaces, industry operations involving quarrying and workers entering confined spaces such as tanks, vessels and manholes.

It is estimated there are 371,000 workers in 14,000 establishments which remain the responsibility of the Bureau for the prevention of occupational disease.



Full-scale model being operated at the Monroeville, Pennsylvania, laboratories of Bituminous Coal Research, Inc., to predict flow of materials in gasification reactor planned for coal gasification pilot plant to be constructed at Homer City, Pennsylvania, for the American Gas Association and the Office of Coal Research, U. S. Department of the Interior. Objective of the project is the development of a process for the production of pipeline gas from coal.



Model of pilot plant for converting coal to clean pipeline-quality gas to be built at Homer City, Indiana County, Pennsylvania. The pilot plant, using a two-stage high-pressure, high-temperature process known as the BI-GAS process, developed at Bituminous Coal Research, Inc., Monroeville, Pennsylvania, will be constructed with funding by the Office of Coal Research, United States Department of the Interior, and the American Gas Association.





Completed surface coal mine of Mears Coal Company, Indiana County. The mine was operated by the modified block cut method. The strip cut was taken around the hill as indicated by the break in the tree line in the right center of the picture. Note that the trees were not disturbed below the operation. The ground slope averaged  $22^{\circ}$  (4%).



# **ANTHRACITE & BITUMINOUS COAL**

## **SUMMARY OF MINE INSPECTORS REPORTS**



DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections 68 days	20 inspections
Preparation Plant Inspections	107
Fatal Accident Investigations	1
Natural Death Investigations	1
Special Investigations of Commissions or Committees	0
Nonfatal Investigations	1
Safety Training Meetings conducted and attended	20
Other significant activities (List)	
Surface Plant Inspections	22
Special Investigations, namely, Bank Fires, Cave-ins, Old abandoned mines, elevations of impounded water in active and inactive mines, Subsidence Insurance Claims.	56

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	3
Nongaseous Deep Mines	0
Bank Operations (Anthracite Coal Region)	10
Preparation Plants	22
Coal Refuse Disposal Areas	0
Other (List): Forge Surface Plant, Huber Colliery, Marvine Bagging Plant, Wanamie Colliery	4
Total Active Operations	39
Total Number of Operators	23

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed):

Ventilation, roof control, drainage, and general sanitary arrangements are good.

Date Submitted: February 16, 1974

Arthur A. Joyce  
Mine Inspector's Signature

☒ Anthracite Coal ☐ Bituminous Coal

Fifth Anthracite  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	71 days
Preparation Plant Inspections	46
Fatal Accident Investigations	0
Natural Death Investigations	0
Special Investigations of Commissions or Committees	1
Nonfatal Investigations	3
Safety Training Meetings conducted and attended	78
Safety inspections of Mine Fire Projects	9
Other significant activities (List): 40 Mine Inspections, 43 Safety Meetings, 2 non-fatal investigations (8th Anthracite District). Body recovery. 4 days investigation Drifton, Pa., 4 complaints illegal dumping. Investigations for Subsidence Insurance. Investigated and supervised filling of 2 mine breaches. Weekly temperature readings at Packer No. 5 Mine Fire Area, 12 inspections at Cleaning Plants. Consultation and Meetings-mining	

2. A summary of mining operations active in my district for this calendar year include: or related subjects - 41

	Number
Gaseous Deep Mines	3
Nongaseous Deep Mines	2
Bank Operations (Anthracite Coal Region)	13
Preparation Plants	9
Coal Refuse Disposal Areas	0
Other (List): Cleaning Plants	2

Total Active Operations 29

Total Number of Operators 19

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): Ventilation, roof control, drainage and general sanitary arrangements relating to the health, safety and welfare of employes are good in all of the mines located in 6th Anthracite District.

Date Submitted: February 15, 1974

Leonard W. Rogers  
Mine Inspector's Signature

☒ Anthracite Coal      ☐ Bituminous Coal

6th Anthracite District  
District Number



DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	84
Preparation Plant Inspections	70
Fatal Accident Investigations	0
Natural Death Investigations	0
Special Investigations of Commissions or Committees	27
Nonfatal Investigations	No serious accidents
Safety Training Meetings conducted and attended	17
Refuse Disposal and Bank Reclamation	3
Other significant activities (List): Sealing abandoned mines	16
Exploring mine voids, illicit dumping, mine water discharge	17
Extinguishing serious strip pit fire	4
Idle mine investigations	14
Mine Subsidence Insurance Applications	2

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	4
Nongaseous Deep Mines	12
Bank Operations (Anthracite Coal Region)	2
Preparation Plants	13
Coal Refuse Disposal Areas	(13)
Other (List):	

Total Active Operations 31

Total Number of Operators 28

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed):

See attached sheet

Date Submitted: February 19, 1974

C. E. Kashner  
Mine Inspector's Signature

☒ Anthracite Coal      ☐ Bituminous Coal

7th Anthracite  
District Number

## Conditions Of Mines

The conditions of mines in the 7th Anthracite District with respect to ventilation, roof control, drainage, and sanitary arrangements, are good. Sufficient quantities of fresh air are circulated to and from each working face, and throughout the mines, in accordance with the Act. Ample proper sized timbers are on hand and placed promptly in excavations to secure the roof, ribs, and face. All areas are well drained, and pumping facilities are adequate, and properly cared for, all of which maintains the operations in a safe and healthy state for the well being of the workmen.

C. E. Kashner, Mine Inspector  
7th Anthracite District



DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>10</u> Inspections
Preparation Plant Inspections	<u>51</u>
Fatal Accident Investigations	<u>1</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commissions or Committees	<u>5</u>
Nonfatal Investigations	<u>8</u>
Safety Training Meetings conducted and attended	<u>0</u>

Other significant activities (List): Investigations for Subsidence Insurance. Supervised the filling of mine breaches. Extinguishing of illicit dump fires. Answer complaints from the general public. Review all reports from the Mine and Electrical Inspectors in the Anthracite Region

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>0</u>
Nongaseous Deep Mines	<u>7</u>
Bank Operations (Anthracite Coal Region)	<u>1</u>
Preparation Plants	<u>1</u>
Coal Refuse Disposal Areas	<u>1</u>
Other (List):	

Total Active Operations	<u>19</u>
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Total Number of Operators	<u>12</u>
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3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): All mines in this District are adequately ventilated. Roof control plans are enforced and being observed. All mines at present are pumping to the surface. Conditions concerning dust control, safety and welfare of workmen, and sanitary conditions are very good at all operations.

Date Submitted: February 15, 1974

Leon Brass  
Mine Inspector's Signature

☒ Anthracite Coal      ☐ Bituminous Coal

8th Anthracite  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	12 days
Preparation Plant Inspections	11
Fatal Accident Investigations	0
Natural Death Investigations	0
Special Investigations of Commissions or Committees	0
Nonfatal Investigations	2
Safety Training Meetings conducted and attended	4
Mine Fire projects inspected	4
Other significant activities (List):	
Consultation on Mining Matters	6
Meetings on mining or related subjects	4
The 9th Anthracite District was divided between Assistant Director, Leon Brass, Inspectors - Joseph Halaburda, Arthur Hand and myself upon the retirement of Mr. Peter Hino.	

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	0
Nongaseous Deep Mines	8
Bank Operations (Anthracite Coal Region)	16
Preparation Plants	18
Coal Refuse Disposal Areas	0
Other (List): Cleaning Plants	3

Total Active Operations 45

Total Number of Operators 23

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): Ventilation, roof control, drainage and sanitary conditions are good. There were no roof fall accidents in the 9th Anthracite District. As Acting Inspector I was responsible for all reports.

Date Submitted: February 21, 1974

Leonard W. Rogers (Acting)  
Mine Inspector's Signature

☒ Anthracite Coal      ☐ Bituminous Coal

9th Anthracite District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	122
Preparation Plant Inspections	56
Fatal Accident Investigations	0
Natural Death Investigations	0
Special Investigations of Commissions or Committees	31
Nonfatal Investigations	3
Safety Training Meetings conducted and attended	122
Other significant activities (List):	
Meeting and Mining or related subjects	24
Rescue and recovery of body	2

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	4
Nongaseous Deep Mines	15
Bank Operations (Anthracite Coal Region)	4
Preparation Plants	10
Coal Refuse Disposal Areas	(10)
Other (List):	

Total Active Operations	33
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Total Number of Operators	34
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3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional B 1/2 x 11 sheets as needed):

Date Submitted: February 12, 1974

Joseph J. Halaburda  
Mine Inspector's Signature

☒ Anthracite Coal      ☐ Bituminous Coal

10th Anthracite District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	116
Preparation Plant Inspections	27
Fatal Accident Investigations	0
Natural Death Investigations	1
Special Investigations of Commissions or Committees	16
Nonfatal Investigations	1
Safety Training Meetings conducted and attended	34

Other significant activities (List):

Rescue and recovery - body from abandoned mine shaft	1
Subsidence investigation - City of Pottsville	2
Mine safety inspections - 9th Anthracite District	9
Preparation Plant inspections - 9th Anthracite District	15
Mine Inspectors Institute of America - Oklahoma	3

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	5
Nongaseous Deep Mines	6
Bank Operations (Anthracite Coal Region)	3
Preparation Plants	4
Coal Refuse Disposal Areas	5
Other (List):	

Total Active Operations	23
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Total Number of Operators	15
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3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): The overall conditions as to ventilation, roof control, mine drainage, etc. in the 11th Anthracite District Mines, are very good.

Date Submitted: February 19, 1974

Arthur E. Hand  
Mine Inspector's Signature

☒ Anthracite Coal      ☐ Bituminous Coal

11th Anthracite District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>140</u>
Preparation Plant Inspections	<u>33</u>
Fatal Accident Investigations - rescue and recovery	<u>1</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commissions or Committees	<u>12</u>
Nonfatal Investigations - miscellaneous investigations	<u>21</u>
Safety Training Meetings conducted and attended	<u>18</u>

Other significant activities (List):

Bank and Mine Refuse Disposal Area inspections	3
Meetings attended with Personnel of Department	23
Meetings with Operators and Engineers	22
Mine Officials Examinations	11
Compiling Monthly and Annual Reports	16

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>4</u>
Nongaseous Deep Mines	<u>14</u>
Bank Operations (Anthracite Coal Region)	<u>2</u>
Preparation Plants	<u>6</u>
Coal Refuse Disposal Areas	
Other (List):	

Total Active Operations	<u><u>26</u></u>
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Total Number of Operators	<u><u>25</u></u>
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3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): The condition of all mines in the 12th Anthracite District relative to ventilation, roof control, drainage, sanitation, safety and conditions in general are very good.

Date Submitted: February 15, 1974

Clarence E. Miller  
Mine Inspector's Signature

☒ Anthracite Coal      ☐ Bituminous Coal

12th Anthracite District  
District Number



DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>120</u>
Preparation Plant Inspections	<u>10+5 that weren't working</u>
Fatal Accident Investigations	<u>0</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commissions or Committees	<u>4</u>
Nonfatal Investigations	<u>2</u>
Safety Training Meetings conducted and attended	<u>3</u>
Other significant activities (List):	

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>2</u>
Nongaseous Deep Mines	<u>3</u>
Bank Operations (Anthracite Coal Region)	<u>          </u>
Preparation Plants	<u>21</u>
Coal Refuse Disposal Areas	<u>4</u>
Other (List):	<u>          </u>
Total Active Operations	<u>29</u>
Total Number of Operators	<u>29</u>

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): The mines in District 1 are operating in accordance with Act 339 regarding ventilation, roof control, mine drainage, and general sanitary conditions, excepting those violations noted in Mine Inspection, Tipple Inspection reports. Section 122 complied with.

Date Submitted: February 14, 1974

W. H. Hixon

Mine Inspector's Signature

☐ Anthracite Coal

☒ Bituminous Coal

1st Bituminous District

District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>11</u>
Preparation Plant Inspections	<u>0</u>
Fatal Accident Investigations	<u>0</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commissions or Committees	<u>0</u>
Nonfatal Investigations	<u>0</u>
Safety Training Meetings conducted and attended	<u>0</u>

Other significant activities (List):

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>0</u>
Nongaseous Deep Mines	<u>1</u>
Bank Operations (Anthracite Coal Region)	<u>0</u>
Preparation Plants	<u>0</u>
Coal Refuse Disposal Areas	<u>1</u>
Other (List):	

Total Active Operations 1

Total Number of Operators 1

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): The Mine in this district has resumed operating and is operating in accordance with the Bituminous Coal Mining Laws of Pennsylvania in regard to ventilation, roof control and general sanitary conditions.

Date Submitted: February 14, 1974

W. H. Hixon  
Mine Inspector's Signature

☐ Anthracite Coal ☒ Bituminous Coal

2nd Bituminous District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	37
Preparation Plant Inspections	17
Fatal Accident Investigations	0
Natural Death Investigations	1
Special Investigations of Commissions or Committees	18
Nonfatal Investigations	8
Safety Training Meetings conducted and attended	16

Other significant activities (List):

Approving timbering, resin bolting, multiple blasting permits, equipment, methods of mining and ventilation; issued 256 certificates, and ventilation. Attended numerous meetings and investigation of mine safety committee complaints.

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	5
Nongaseous Deep Mines	0
Bank Operations (Anthracite Coal Region)	-
Preparation Plants	3
Coal Refuse Disposal Areas	2
Other (List):	

Total Active Operations	10
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Total Number of Operators	2
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3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed):

See attached sheet.

Date Submitted: January 30, 1974

P. H. Hyatt  
Mine Inspector's Signature

☐ Anthracite Coal      ☒ Bituminous Coal

3rd Bituminous District  
District Number



During the year of 1973 in the Third Bituminous District there were 3,986,068 tons of coal produced with a total of 1,927 employes. There were two companies operating in the district.

There were no fatal accidents and 49 non-fatal accidents. There was one lost time accident due to a roof fall, caused by mining coal without setting any center post.

The ventilation showed improvement relatively good. Drainage is very good. There are several large sumps being constructed to prevent water from getting on the haulageways in case of a power failure.

Dust is controlled to a minimum in the mine, except there is room for improvement on the control of dust on the haulageways.

There are 11 mine rescue teams in the district.

Signal lights are installed at all haulage switches.

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>135</u>
Preparation Plant Inspections	<u>4</u>
Fatal Accident Investigations	<u>0</u>
Natural Death Investigations	<u>1</u>
Special Investigations of Commissions or Committees	<u>14 days</u>
Nonfatal Investigations	<u>8</u>
Safety Training Meetings conducted and attended	<u>40</u>

Other significant activities (List):

Inspected 3 mines out of my District

Spent 12 days at simulated mine in New Florence evaluating training program and instructing trainees.

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>3</u>
Nongaseous Deep Mines	<u>5</u>
Bank Operations (Anthracite Coal Region)	<u>1</u>
Preparation Plants	<u>0</u>
Coal Refuse Disposal Areas	<u>2</u>
Other (List):      Shafts being sunk	<u>2</u>
Blacksville Mine No. 1 was connected to Fox Run Shaft June 5, 1973	

Total Active Operations	<u><u>11</u></u>
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Total Number of Operators	<u><u>7</u></u>
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3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed):
- All mines in the 4th District were in compliance with Act 339 relative to ventilation, roof control, drainage and sanitary conditions as of the dates of last inspection.

Date Submitted: February 7, 1974

Edward C. Urbany  
Mine Inspector's Signature

☐ Anthracite Coal

☒ Bituminous Coal

4th Bituminous District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	87
Preparation Plant Inspections	8
Fatal Accident Investigations	2
Natural Death Investigations	0
Special Investigations of Commissions or Committees	36
Nonfatal Investigations	16
Safety Training Meetings conducted and attended	11

Other significant activities (List): Examinations for miners, machine operators--4 days  
 Mine Officials Examination Secretary of Board 17 days  
 Mine Officials Examination - Chairman of Board 20 days  
 National Mine Rescue and First Aid Contest 4 days  
 Rescue Training and Recovery Operations 12 days  
 Investigation of surface fires and Subsidence reports 4 days

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	4
Nongaseous Deep Mines	0
Bank Operations (Anthracite Coal Region)	
Preparation Plants	2
Coal Refuse Disposal Areas	4
Other (List): Reclamation Coal Yard	1

Total Active Operations 11

Total Number of Operators 4

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): The mines in this District are being kept in a reasonably safe condition in compliance with the requirements in Act 339. A number of safety corrections were ordered during the mine inspections.

Date Submitted: February 4, 1974

Frank J. Shoaf, Jr.  
Mine Inspector's Signature

☐ Anthracite Coal ☒ Bituminous Coal

5th Bituminous District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>122</u>
Preparation Plant Inspections	<u>61 hours</u>
Fatal Accident Investigations	<u>4</u>
Natural Death Investigations	<u>1</u>
Special Investigations of Commissions or Committees	<u>2</u>
Nonfatal Investigations	<u>7</u>
Safety Training Meetings conducted and attended	<u>6</u>

Other significant activities (List):

201 hours for examinations Miners, Machine Runners, Mine Foreman certification  
503 hours traveling- 66 hours accident investigation - 40 special investigations  
75 meetings attended with Mine Management, Federal, and Union Officials on Mine  
Safety. 105 hours office work  
Mine Fire Recovery - 1 day

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>3</u>
Nongaseous Deep Mines	<u>2</u>
Bank Operations (Anthracite Coal Region)	<u>  </u>
Preparation Plants	<u>2</u>
Coal Refuse Disposal Areas	<u>2</u>
Other (List):	<u>  </u>

Total Active Operations	<u><u>5</u></u>
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Total Number of Operators	<u><u>1</u></u>
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3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed):

See attached sheet

Date Submitted: February 11, 1974

Joseph Reggianni  
Mine Inspector's Signature

☐ Anthracite Coal      ☒ Bituminous Coal

6th Bituminous District  
District Number

In general the conditions of the mines in the Sixth Bituminous District are in reasonably safe condition relative to ventilation, roof control, drainage, and sanitary arrangements. Satisfactory attention was given at all times to my recommendations and/or corrections of the Bituminous Coal Mining Laws of Pennsylvania. Deep mines in the 6th Bituminous District were found to be in a safe condition during the time of my inspections. Two mines which are one man operations were temporarily closed during this year.

There was a total(11 lost time accidents during the year in which 4 resulted in fatalities) - 3 transportation - 1 roof fall.



DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>1,038 hours</u>
Preparation Plant Inspections	<u>171 hours</u>
Fatal Accident Investigations	<u>10 hours</u>
Natural Death Investigations	<u>10 hours</u>
Special Investigations of Commissions or Committees	<u>8 1/2 hours</u>
Nonfatal Investigations	<u>19 hours</u>
Safety Training Meetings conducted and attended	<u>2 1/2 hours</u>
Other meetings and consultation on mining matters	<u>400 hours</u>
Other significant activities (List):	
Traveling	303 hours
Office work	189 hours
Examinations	132 hours

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>4</u>
Nongaseous Deep Mines	<u>1</u>
Bank Operations (Anthracite Coal Region)	<u>3</u>
Preparation Plants	<u>3</u>
Coal Refuse Disposal Areas	<u>3</u>
Other (List):	
 Total Active Operations	 <u><u>5</u></u>
 Total Number of Operators	 <u><u>3</u></u>

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed):

Date Submitted: February 7, 1974

☐ Anthracite Coal      ☒ Bituminous Coal

S. A. Frederick  
Mine Inspector's Signature  
  
7th Bituminous District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	138 days +20 days spot
Preparation Plant Inspections	16 days inspections
Fatal Accident Investigations (Employee for Contractor)*	1
Natural Death Investigations	1 day
Special Investigations of Commissions or Committees	16 days
Nonfatal Investigations	4 days
Safety Training Meetings conducted and attended	10

Other significant activities (List):

- Attended court on The Buckeye Coal Co.'s appeal from timbering fire area - 7 days
- Attended meetings with the Attorneys and Mr. Walter Vicinelly on above case- 7 days
- Assisted on the Group No. 2 Mine Foreman's Examination Board - 9 days
- Made investigation of a mine fire in an abandoned mine in Daisytown, Pa. -10 days

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	3
Nongaseous Deep Mines	2 Operated as gaseous
Bank Operations (Anthracite Coal Region)	
Preparation Plants	2
Coal Refuse Disposal Areas	2
Other (List): Silt Ponds and Water Treatment Plants	
River Docks - belt across river carrying coal from Washington County to Fayette County	

Total Active Operations 9+ Other(List)

Total Number of Operators 4

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed):

See attached sheet

Date Submitted: January 29, 1974

J. M. Hovanic  
Mine Inspector's Signature

☐ Anthracite Coal      ☒ Bituminous Coal

8th Bituminous District  
District Number

All of the mines in the 8th Bituminous District were operated in safe condition during the year 1973 as to ventilation, drainage, roof support, supplies, etc.

The Clyde Mine of Republic Steel Corporation worked the whole year without a lost-time accident.

\* A fatal accident occurred at the La Belle Preparation Plant of Jones & Laughlin Steel Corporation. The victim was a construction worker employed during the miners' vacation by the Contractor who was making repairs to the plant.



DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>62</u>
Preparation Plant Inspections	<u>31</u>
Fatal Accident Investigations	<u>0</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commissions or Committees	<u>33</u>
Nonfatal Investigations	<u>3</u>
Safety Training Meetings conducted and attended	<u>22</u>

Other significant activities (List):

Investigation of special complaints, mine foreman examinations, law revision, mine fires, and other assignments by the Director of the Bituminous Deep Mine Safety Division. Inspections performed outside of the assigned District.

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>0</u>
Nongaseous Deep Mines	<u>3</u>
Bank Operations (Anthracite Coal Region)	<u></u>
Preparation Plants	<u>29</u>
Coal Refuse Disposal Areas	<u>0</u>
Other (List):	<u></u>

Total Active Operations 32

Total Number of Operators 32

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): Mines and mining activities in the 9th Bituminous District are in a legal, safe, satisfactory condition in accordance with Act 339, approved July 17, 1961 and Amendments thereto.

Date Submitted: February 1, 1974

Gerald F. Moody  
Mine Inspector's Signature

☐ Anthracite Coal ☒ Bituminous Coal

9th Bituminous District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>100</u>
Preparation Plant Inspections	<u>11</u>
Fatal Accident Investigations	<u>0</u>
Natural Death Investigations	<u>1</u>
Special Investigations of Commissions or Committees	<u>102 hours</u>
Nonfatal Investigations	<u>4</u>
Safety Training Meetings conducted and attended	<u>11 1/4 hours</u>
Other significant activities (List):	
Conducting examinations	98 hours
Recover mine fire	11 hours
Consultation on mining and related subjects	126 hours

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>4</u>
Nongaseous Deep Mines	<u>1</u>
Bank Operations (Anthracite Coal Region)	
Preparation Plants	<u>4</u>
Coal Refuse Disposal Areas	
Other (List):	

Total Active Operations 9

Total Number of Operators 5

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): Ventilation is very good in all the mines in the District. Roof control meets with the requirements of the adopted standards. Drainage and general sanitary conditions are good throughout the mines in the District.

Date Submitted: February 1, 1974

C. F. Kelly  
Mine Inspector's Signature

☐ Anthracite Coal      ☒ Bituminous Coal

10th Bituminous District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>115 days</u>
Preparation Plant Inspections	<u>25 days</u>
Fatal Accident Investigations	<u>0</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commissions or Committees	<u>5 1/2 days</u>
Nonfatal Investigations	<u>1 1/2 days</u>
Safety Training Meetings conducted and attended	<u>26 days</u>
Other significant activities (List):	
State Examinations for Mine Officials	<u>8 days</u>
Mine Rescue and Recovery	<u>4 days</u>
Examinations for miners, machine runners, and shotfirers	<u>1 1/2 days</u>
Office work at home	<u>282 hours</u>

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>3</u>
Nongaseous Deep Mines	<u>8</u>
Bank Operations (Anthracite Coal Region)	<u>5</u>
Preparation Plants	<u>5</u>
Coal Refuse Disposal Areas	<u>4</u>
Other (List):	

Total Active Operations 20

Total Number of Operators 11

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed):

Date Submitted: February 11, 1974

John C. Panchura  
Mine Inspector's Signature

☐ Anthracite Coal ☒ Bituminous Coal

11th Bituminous District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>950 hours</u>
Preparation Plant Inspections	<u>154 hours</u>
Fatal Accident Investigations	<u>0</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commissions or Committees	<u>176 hours</u>
Nonfatal Investigations	<u>10 hours</u>
Safety Training Meetings conducted and attended	<u>0</u>

Other significant activities (List):

See attached sheet (a)

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>3</u>
Nongaseous Deep Mines	<u>4</u>
Bank Operations (Anthracite Coal Region)	<u>3</u>
Preparation Plants	<u>3</u>
Coal Refuse Disposal Areas	<u>3</u>
Other (List):	

Total Active Operations 13

Total Number of Operators 7

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed):

See attached sheet (b)

Date Submitted: February 9, 1974

John J. Hunter  
Mine Inspector's Signature

☐ Anthracite Coal ☒ Bituminous Coal

12th Bituminous District  
District Number



Attended numerous meetings on all phases of mining and mining practices.

Inspected Coal Refuse Piles and Water Treatment facilities.

Gave Miners, Machine Runner's and Shot-Firer's Examinations; assisted in giving Mine Officials Examinations, and in correcting examination papers for 2 examinations - 191 hours.

Attended meetings held by National Mine Rescue Association, Mine Inspector's Advisory Association, Coal Mining Institute of America, and the Pittsburgh Coal Mining Institute.

Attending all meetings on all issues	- 402 hours
Office work	- 364 hours
Traveled 16,530 miles	- 488 hours

Attachment (b) - Condition of Mines

Condition of the mines in the 12th Bituminous District relative to ventilation, roof control, drainage and general sanitary arrangements are in accordance with Act 339, Section 122 and Act 346, Section 127.

All mines and portions of mines in this District have been adequately ventilated and the air has been of good quality, meeting all requirements of the mining laws.

Pre-determined roof control plans were used and for the most part were strictly adhered to and proved to be very effective. Drainage has been kept under control generally.

The mines have been kept in a safe, healthful condition and provisions were made for the health and safety of all persons employed in and about the mines and for the protection and preservation of property connected therewith.

There were 7 non-fatal lost time accidents, 2 of these accidents were caused by roof falls or rib falls - the accident by roof fall - the injured was helping to install ventilation tubing when a piece of rock (draw slate) fell from the roof and rib striking him on the right chest and right upper arm, causing a fracture of right Clavical and 2 of the upper-most right ribs and deep lacerations of upper right arm. The accident by rib fall - the injured was pressurizing jack against roof on the Longwall section causing a piece of soapstone to fall off the rib striking him on left hand and wrist.

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>100</u>
Preparation Plant Inspections	<u>14</u>
Fatal Accident Investigations	<u>1</u>
Natural Death Investigations	<u>1</u>
Special Investigations of Commissions or Committees	<u>35</u>
Nonfatal Investigations	<u>20</u>
Safety Training Meetings conducted and attended	<u>12</u>

Other significant activities (List):

2. A summary of mining operations active in my district for this calenoar year include:

	Number
Gaseous Deep Mines	<u>3</u>
Nongaseous Deep Mines	<u>1</u>
Bank Operations (Anthracite Coal Region)	<u>      </u>
Preparation Plants	<u>10</u>
Coal Refuse Disposal Areas	<u>13</u>
Other (List): Slate dump Coal Recovery Plants	<u>3</u>

Total Active Operations	<u><u>20</u></u>
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Total Number of Operators	<u><u>14</u></u>
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3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): Safety standards for the State remain the same, but Federal Mine inspection standards are unable to evaluate each individual mine, and are therefore lowering safety in all mines. Face equipment Federal approvals are far below State standards.

Date Submitted: February 15, 1974

J. M. Michnok  
Mine Inspector's Signature

☐ Anthracite Coal      ☒ Bituminous Coal

13th Bituminous District  
District Number



DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>68</u>
Preparation Plant Inspections	<u>13</u>
Fatal Accident Investigations	<u>0</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commissions or Committees	<u>38</u>
Nonfatal Investigations	<u>2</u>
Safety Training Meetings conducted and attended	<u>27</u>
Other significant activities (List):	
Mine fires	9 days
Examinations	15 days
Mine rescue demonstrations	2 days
Administration function Harrisburg Office	23 days

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>0</u>
Nongaseous Deep Mines	<u>10</u>
Bank Operations (Anthracite Coal Region)	<u>3</u>
Preparation Plants	<u>2</u>
Coal Refuse Disposal Areas	<u>14</u>
Other (List): Coal tipples	

Total Active Operations 27

Total Number of Operators 19

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): All mines in the 14th District relative to ventilation, roof control, drainage and sanitary conditions were in compliance with Act 339.

Date Submitted: February 20, 1974

J. E. Lamont  
John P. Boback  
\_\_\_\_\_  
Mine Inspector's Signature

☐ Anthracite Coal      ☒ Bituminous Coal

14th Bituminous District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>113</u>
Preparation Plant Inspections	<u>6</u>
Fatal Accident Investigations	<u>2</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commissions or Committees	<u>7</u>
Nonfatal Investigations	<u>7</u>
Safety Training Meetings conducted and attended	<u>22</u>

Other significant activities (List):

Examinations for Miner, Machine Runner, Shot-Firer and Mine Foreman - 16 days  
The rest of the working days were spent on Mine Fire meetings pertaining  
to job; answering U.M.W. complaints; inspecting equipment; office work,  
special surveys, etc. - 105 days

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>1</u>
Nongaseous Deep Mines	<u>10</u>
Bank Operations (Anthracite Coal Region)	<u>3</u>
Preparation Plants	<u>1</u>
Coal Refuse Disposal Areas	<u>1</u>
Other (List):	

Total Active Operations 15

Total Number of Operators 11

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): Mines in the 15th Bituminous District relative to ventilation, roof control, drainage, and general sanitary conditions are in satisfactory condition.

Date Submitted: February 7, 1974

Austin Gillingham  
Mine Inspector's Signature

☐ Anthracite Coal      ☒ Bituminous Coal

15th Bituminous District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>100</u>
Preparation Plant Inspections	<u>16</u>
Fatal Accident Investigations	<u>1</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commissions or Committees	<u>57</u>
Nonfatal Investigations	<u>30</u>
Safety Training Meetings conducted and attended	<u>120</u>

Other significant activities (List):

See attached sheet (a)

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>3</u>
Nongaseous Deep Mines	<u>1</u>
Bank Operations (Anthracite Coal Region)	<u>0</u>
Preparation Plants	<u>2</u>
Coal Refuse Disposal Areas	<u>2</u>
Other (List):	

Total Active Operations 4 + 2 Cleaning Plants

Total Number of Operators 2

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed):

See attached sheet (b)

Date Submitted: February 12, 1974

L. D. Kimmel

Mine Inspector's Signature

☐ Anthracite Coal

☒ Bituminous Coal

16th Bituminous

District Number

(a) Other significant activities (List):

Served on Commission on ISC Circuitry and Remote Control Systems.  
Completed 18-month study and investigation on methane monitors.  
Revised and updated all roof control plans in 16th District.  
Revised and updated all trainee foreman programs.  
Composed and put into effect rules and requirements for all companies installing automatic elevators.  
Investigated bomb threats, drainage permits, complaints on safety, water and air pollution, etc.

(b) Conditions of the Mines

All mines in the 16th District are in a safe operating condition. However, during 1973, there were 105 lost-time accidents, 9 of which were roof fall accidents. In these 9 roof falls, only two employees were injured as a result of material falling from between full overhead supports. The other employees were injured due to their advancing beyond supported roof without first setting temporary roof supports.

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>44</u>
Preparation Plant Inspections	<u>15</u>
Fatal Accident Investigations	<u>0</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commissions or Committees	<u>2</u>
Nonfatal Investigations	<u>8</u>
Safety Training Meetings conducted and attended	<u>8</u>

Other significant activities (List):

Patrolled mine fire at Bethlehem Mine No.31 - 10 days

Assisted with Mine Foreman Examinations - 2

Conducted special investigations of hazards existing at abandoned deep mines.

Assisted at 2 mine rescue demonstrations. I am a member of the State Mine Rescue Team

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>0</u>
Nongaseous Deep Mines	<u>5</u>
Bank Operations (Anthracite Coal Region)	<u>0</u>
Preparation Plants	<u>20</u>
Coal Refuse Disposal Areas	<u>1</u>
Other (List):	<u>1 *</u>

\* This is a tour mine operated during the tourist season; coal is not being mined at this operation.

Total Active Operations 27

Total Number of Operators 21

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): The mines in the 17th Bituminous District are being worked in a safe manner and in compliance with the Bituminous Mining Laws. Ventilation, roof control, drainage and sanitary conditions are satisfactory. My appointment to the 17th District became effective August 1, 1973.

Date Submitted: February 9, 1974

William Garay  
Mine Inspector's Signature

☐ Anthracite Coal ☒ Bituminous Coal

17th Bituminous District  
District Number



DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	135
Preparation Plant Inspections	5
Fatal Accident Investigations	1
Natural Death Investigations	0
Special Investigations of Commissions or Committees	14
Nonfatal Investigations	20
Safety Training Meetings conducted and attended	19
Other significant activities (List):	
Chairman of Mine Foreman's Examinations in June	2 days
Gave 9 Machine Runner's and Shot-Firers Examinations	
Made 2 inspections outside District 18	

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	3
Nongaseous Deep Mines	2
Bank Operations (Anthracite Coal Region)	
Preparation Plants	2
Coal Refuse Disposal Areas	2
Other (List):	
 Total Active Operations	 9
 Total Number of Operators	 3

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): All mines in the 18th Bituminous District are operated in a safe and healthful condition, well timbered and drained. All mines are operating with full overhead roof support plans. All mines are adequately ventilated.

Date Submitted: January 28, 1974

Arthur L. Shank  
Mine Inspector's Signature

☐ Anthracite Coal      ☒ Bituminous Coal

18th Bituminous District  
District Number



DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>90</u>
Preparation Plant Inspections	<u>6</u>
Fatal Accident Investigations	<u>0</u>
Natural Death Investigations	<u>1</u>
Special Investigations of Commissions or Committees	<u>41</u>
Nonfatal Investigations	<u>15</u>
Safety Training Meetings conducted and attended	<u>20</u>
Other significant activities (List):	
Examinations	201 hours
Rescue and recovery operations	43 hours

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>1</u>
Nongaseous Deep Mines	<u>1</u>
Bank Operations (Anthracite Coal Region)	<u>2</u>
Preparation Plants	<u>2</u>
Coal Refuse Disposal Areas	<u>2</u>
Other (List):	
Total Active Operations	<u><u>5</u></u>
Total Number of Operators	<u><u>4</u></u>

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): The mines in my district appear to be operating in a safe, healthful and lawful condition.

Date Submitted: February 19, 1974

Lawrence Jones  
Mine Inspector's Signature

☐ Anthracite Coal      ☒ Bituminous Coal

19th Bituminous District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>108 days</u>
Preparation Plant Inspections	<u>6 days</u>
Fatal Accident Investigations	<u>0</u>
Natural Death Investigations	<u>1 day</u>
Special Investigations of Commissions or Committees	<u>41 days</u>
Nonfatal Investigations	<u>7 days</u>
Safety Training Meetings conducted and attended	<u>17 days</u>
 Other significant activities (List):	
Examinations for Miners, Machine Runners, Shot-Firers and Mine Foreman	- 21 days
Fire at Bethlehem Mines Corporation, Mine No. 31	- 7 days

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>2</u>
Nongaseous Deep Mines	<u>1</u>
Bank Operations (Anthracite Coal Region)	<u>1</u>
Preparation Plants	<u>1</u>
Coal Refuse Disposal Areas	<u>1</u>
Other (List):	

Total Active Operations 4

Total Number of Operators 4

There were 12 lost time accidents reported in the 20th Bituminous District for 1973.

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): The above conditions are good in the mines in the 20th District. A new fan was installed and put in operation at one mine. Resin Bolting was approved and being used at one mine. A roof bolting plan was approved at another mine.

Date Submitted: January 25, 1974

Eno Chellini  
Mine Inspector's Signature

☐ Anthracite Coal      ☒ Bituminous Coal

20th Bituminous District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	124
Preparation Plant Inspections	18
Fatal Accident Investigations	3
Natural Death Investigations	4
Special Investigations of Commissions or Committees	18
Nonfatal Investigations	4
Safety Training Meetings conducted and attended	36

Other significant activities (List):

Held examinations for Miners, Machine Runner's and Shot-Firer Certificates  
Assisted in recovery work at Bethelehem Mines Corp., Mine No. 31  
Assisted in Mine Foreman's examinations - Associate member  
Assisted in mine rescue demonstration  
Made 3 inspections out of my district

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	4
Nongaseous Deep Mines	3
Bank Operations (Anthracite Coal Region)	8
Preparation Plants	5
Coal Refuse Disposal Areas	2
Other (List): Water treatment plants	

Total Active Operations 25

Total Number of Operators 7

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): In general the mines of the 21st Bituminous District are safe in regards to ventilation, dust, drainage and sanitary conditions. The roof conditions in 4 of the mines is of a poor nature.

Date Submitted: February 5, 1974

E. H. Pauley  
Mine Inspector's Signature

☐ Anthracite Coal ☒ Bituminous Coal

21st Bituminous District  
District Number

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>109</u>
Preparation Plant Inspections	<u>16</u>
Fatal Accident Investigations	<u>4</u>
Natural Death Investigations	<u>2</u>
Special Investigations of Commissions or Committees	<u>49</u>
Nonfatal Investigations	<u>2</u>
Safety Training Meetings conducted and attended	<u>16</u>

Other significant activities (List):

Conducted 25 miners, 22 machine runners and 12 shot-firers' examinations

Assisted with Mine Official's examinations - 17 days

Investigated the sealing of 4 different mines

Attended various scheduled meetings in different areas

Investigated water drainage applications, also different types of complaints

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>1</u>
Nongaseous Deep Mines	<u>14</u>
Bank Operations (Anthracite Coal Region)	<u>          </u>
Preparation Plants	<u>5</u>
Coal Refuse Disposal Areas	<u>2</u>
Other (List):	<u>          </u>

Total Active Operations	<u><u>22</u></u>
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Total Number of Operators	<u><u>16</u></u>
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3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed):

See attached sheet

Date Submitted: January 26, 1974

Michael Phillips  
Mine Inspector's Signature

☐ Anthracite Coal      ☒ Bituminous Coal

22nd Bituminous District  
District Number

All mines of the 22nd Bituminous District are ventilated by some type of ventilating fan installed according to the Pennsylvania Bituminous Coal Mining Laws and the ventilation is adequate for each individual mine.

All district mines have an approved roof control plan which is posted and signed by the district mine inspector. The roof control plans are adequate for the minimum roof control for their respective mines.

The drainage and sanitary conditions throughout the district mines appear to be good.

There were no fatal or roof fall accidents reported in the 22nd Bituminous Inspection District for the year of 1973. Also the months of November and December were accident free, however, there were a total of 16 lost time accidents reported for the year of 1973. The following is a classification of the accidents:

Slipping or falling . . . . .	2
Handling supplies . . . . .	6
Machinery . . . . .	4
Squeeze by machinery. . . . .	1
Transportation . . . . .	1
Miscellaneous . . . . .	2
Total	<u>16</u>



DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	81
Preparation Plant Inspections	<u>36</u>
Fatal Accident Investigations	<u>3</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commissions or Committees	<u>48</u>
Nonfatal Investigations	<u>10</u>
Safety Training Meetings conducted and attended	<u>24</u>
Participated in 2 mock mine rescue demonstrations.	
Other significant activities (List):	
Conducted miner's examinations and issued 28 miners' certificates	
Assisted in conducting mine official's examinations, correcting papers, and finalizing the results of the exams. Worked 18 days.	
Inspected 6 mines in other districts.	
demonstrations. Worked 10 days at Bethlehem's Mine #31 in rescue and recovery	

2. A summary of mining operations active in my district for this calendar year include: operations.

	Number
Gaseous Deep Mines	0
Nongaseous Deep Mines	<u>5</u>
Bank Operations (Anthracite Coal Region)	
Preparation Plants	<u>12</u>
Coal Refuse Disposal Areas	<u>5</u>
Other (List):	

Total Active Operations 22

Total Number of Operators 19

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed):

Date Submitted: February 6, 1974

Wayne L. Reynolds  
Mine Inspector's Signature

☐ Anthracite Coal      ☒ Bituminous Coal

23rd Bituminous District  
District Number



DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>111</u>
Preparation Plant Inspections and surface inspections	<u>27</u>
Fatal Accident Investigations	<u>2</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commissions or Committees	<u>23</u>
Nonfatal Investigations	<u>100</u>
Safety Training Meetings conducted and attended	<u>8</u>

Other significant activities (List):

See attached sheet

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>2</u>
Nongaseous Deep Mines	<u>1</u>
Bank Operations (Anthracite Coal Region)	<u>2</u>
Preparation Plants	<u>2</u>
Coal Refuse Disposal Areas	<u>2</u>
Other (List):	

Total Active Operations 7

Total Number of Operators 3

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): The conditions in this district with respect to ventilation, drainage, roof control and general sanitary arrangements are good. And when orders are issued upon inspection they are complied with.

Date Submitted: January 29, 1974

A. E. Valeri  
Mine Inspector's Signature

☐ Anthracite Coal ☒ Bituminous Coal

24th Bituminous District  
District Number

52 Other significant activities -

Investigated for approval 56 pieces of equipment

Investigated 6 roof fall accidents, 2 complaints, 4 ignitions.

Mine fire recovery work - 2 days

Reviewed and examined 1,380 Federal inspection notices

Safety Zone investigations - 3

Roof bolt resin bolts test areas 3

Mine Foreman's Group 1 examination - 16 days

1 Short Wall Mining System

Conducted examinations for machine runners, shot-firers and miners for certification.

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>86</u>
Preparation Plant Inspections	<u>9</u>
Fatal Accident Investigations	<u>2</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commissions or Committees	<u>7</u>
Nonfatal Investigations	<u>6</u>
Safety Training Meetings conducted and attended	<u>16 *</u>

Other significant activities (List):

See attached sheet

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>2</u>
Nongaseous Deep Mines	<u>2</u>
Bank Operations (Anthracite Coal Region)	<u>1**</u>
Preparation Plants	<u>3</u>
Coal Refuse Disposal Areas	<u>3</u>
Other (List):	

\*\* Not operating

Total Active Operations 4

Total Number of Operators 4

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed): The mines in the 25th Bituminous District are being worked in a safe manner and in compliance with Act 339. Ventilation, roof control and sanitary conditions are satisfactory.

Date Submitted: February 2, 1974

Robert E. Fulton  
Mine Inspector's Signature

☐ Anthracite Coal ☒ Bituminous Coal

25th Bituminous District  
District Number

54 Other significant activities:

\*Includes training as a member of the State Mine Rescue team.

Assisted at 2 mine rescue demonstrations involving teams throughout the bituminous region.

Participated in the National Mine Rescue Contest in Louisville, Kentucky as an official.

Assisted in examinations given for Mine Officials, miners and machine runners. Corrected Mine Officials examination papers and oral examinations for 2 examinations. (233 hours)

Inspected refuse piles.

Attended meetings on mining matters, ventilation changes and mining systems. (282 hours)

Office work (180 hours)

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>1,020 hours</u>
Preparation Plant Inspections	<u>41 hours</u>
Fatal Accident Investigations	<u>47 hours</u>
Natural Death Investigations	<u>15 hours</u>
Special Investigations of Commissions or Committees	<u>88 hours</u>
Nonfatal Investigations	<u>24 hours</u>
Safety Training Meetings conducted and attended	<u>16 hours</u>
Other significant activities (List):	
Examinations for Mine Officials, Machine Runners and Miners	<u>-75 hours</u>
Ignition	<u>-24 hours</u>
Mine Rescue Meetings	<u>-40 hours</u>
Meetings on Mining and general subjects	<u>-150 hours</u>

2. A summary of mining operations active in my district for this calendar year include:

	Number
Gaseous Deep Mines	<u>3</u>
Nongaseous Deep Mines	<u>1</u>
Bank Operations (Anthracite Coal Region)	<u>  </u>
Preparation Plants	<u>2</u>
Coal Refuse Disposal Areas	<u>1</u>
Other (List):	<u>  </u>

Total Active Operations 7

Total Number of Operators 4

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed):

See sheet attached.

Date Submitted: February 15, 1974

A. M. Pawlosky  
Mine Inspector's Signature

☐ Anthracite Coal      ☒ Bituminous Coal

26th Bituminous District  
District Number

Following is a brief description of the mines in District 26 relative to Ventilation, Roof Control, Drainage and General Conditions:

VENTILATION No serious lost time has been recorded in District 26 because of ventilation failure. All mines in this district are adequately ventilated.

ROOF CONTROL There were 3 roof fall accidents in this district during 1973 - neither of which were serious.

DRAINAGE No accidents or work stoppage occurred because of any water problems during the year. The mines are kept well drained and there are no excessive accumulations of water that would endanger any workmen underground.

In general, the mines are well taken care of and all violations reported during the inspections have been corrected. Also, all equipment that was found to be in violation was restored to good condition.

Total tonnage for 1973 . . . . . 3,562,924  
Total underground man-hours for 1973 - 2,374,036



DEPARTMENT OF ENVIRONMENTAL RESOURCES  
BUREAU OF MINE SAFETY  
ANTHRACITE AND BITUMINOUS MINE INSPECTORS REPORT

FOR YEAR ENDING DECEMBER 31, 1973

1. During this calendar year, I have performed the following activities:

	Number
No. of days spent on mine safety inspections	<u>144 days</u>
Preparation Plant Inspections	<u>6 days</u>
Fatal Accident Investigations	<u>0</u>
Natural Death Investigations	<u>0</u>
Special Investigations of Commission or Committees	<u>17 days</u>
Nonfatal Investigations	<u>4 days</u>
Safety Training Meetings conducted and attended	<u>5 days</u>

Other significant activities (List):

Mine Foreman Examinations - 16 days	Mine Rescue Judge - 4 days
Miner's Papers Examinations - 5 days	National Mine Rescue Contest Judge-3 days
Mine Fire (Bethlehem No. 31 Mine) - 5 days	Mine Rescue Practice - 16 days
Mine Inspectors Association Meeting - 1 day	
Coal Mining Institute of America Meeting - 2 days	

2. A summary of mining operations active in my district for this calendar year include:

At the present, I am not assigned to any specific district.

	Number
Gaseous Deep Mines	<u>                    </u>
Nongaseous Deep Mines	<u>                    </u>
Bank Operations (Anthracite Coal Region)	<u>                    </u>
Preparation Plants	<u>                    </u>
Coal Refuse Disposal Areas	<u>                    </u>
Other (List):	<u>                    </u>

Total Active Operations

Total Number of Operators

3. Briefly describe the conditions of the mines in your district relative to ventilation, roof control, drainage and general sanitary arrangements in accordance with Act 339, Section 122 and Act 346, Section 127. (Attach additional 8 1/2 x 11 sheets as needed):

Date Submitted: January 21, 1974

Raoul Vicinelly  
Mine Inspector's Signature

☐ Anthracite Coal

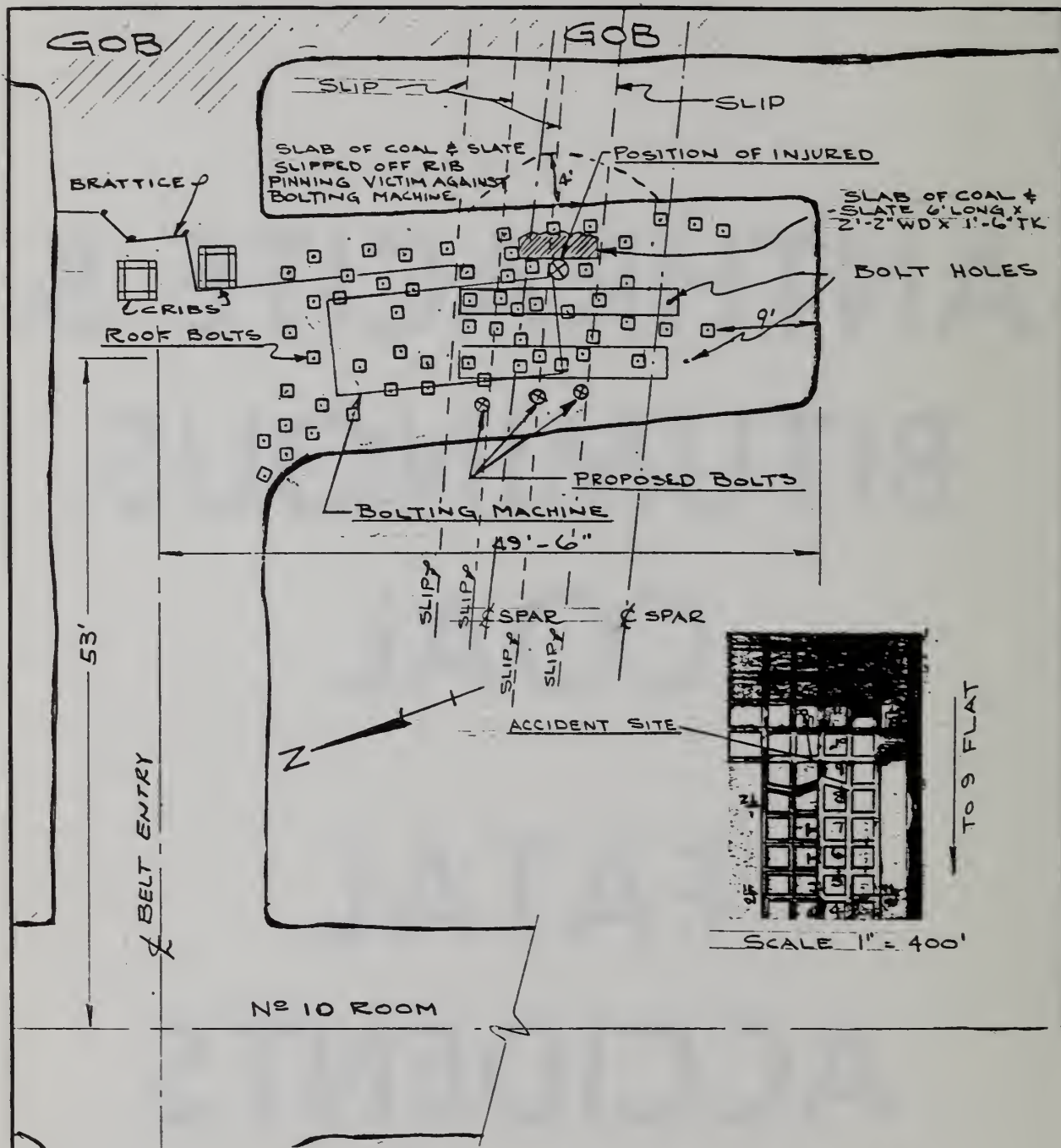
☒ Bituminous Coal

Not assigned a specific district.  
District Number



# **ANTHRACITE & BITUMINOUS COAL**

## **FATAL ACCIDENTS**



Sketch Of Fatal Rib Fall Accident  
SHANNOPIN MINE - JONES & LAUGHLIN STEEL CORPORATION  
March 7, 1973 -- 13th Bituminous District  
J. M. Muchnok, Mine Inspector

J. M. Muchnok, Mine Inspector

13th Bituminous District

On March 7, 1973, at approximately 2:35 A.M., a roof bolter, 24 years of age, married, the father of one child under the age of 18, and having had three years experience in the bituminous coal mines, was fatally injured by a rib fall in the Shannopin Mine of the Jones and Laughlin Steel Corporation.

#### DESCRIPTION OF THE ACCIDENT

The victim and his buddy were bolting in No. 10 Room off 1 Butt, 9 Flat. The place was in a distance of approximately 40 feet with the right rib being a faulted rib and the left rib being faulted with a clay vein. Pressures were built on the center of the rib, leaving the faulted rib free to work.

The pair had begun work, with the foreman being present, when the right rib spalled and jammed the levers; these levers were freed, and additional spalling fell on the left and broke a fitting on the drill. The machine was pulled out, Miner brought in and the sides were scaled. Bolting was started, and on the second hole some spalling fell ahead of the machine.

The victim went from his working position around to the left and was 10 feet along the bolter when a piece of material, 6 feet by 2 feet by 1-1/2 feet thick, rolled over and pinned him against the machine from the small of his back to his neck, causing fractures and a crushed chest. The buddy called for help and the victim was removed to the surface where a coroner and doctor were waiting, and they stated that the victim died instantly from the nature of the injuries.

#### CAUSE OF THE ACCIDENT

This accident was the result of a rib fall in a faulted area where roof protection was being provided. However, no protection was provided against the ribs.

#### MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented with proper posting and timbering that are securely braced, notched and spragged so that any material spalling or rolling shall exert force on the support in such a manner that they are tightened instead of being knocked out when such incidents occur. In cases of this type where twin booms are operated, the operation shall be cut down to one boom with one man standing guard at the controls to observe and protect the man operating the boom.

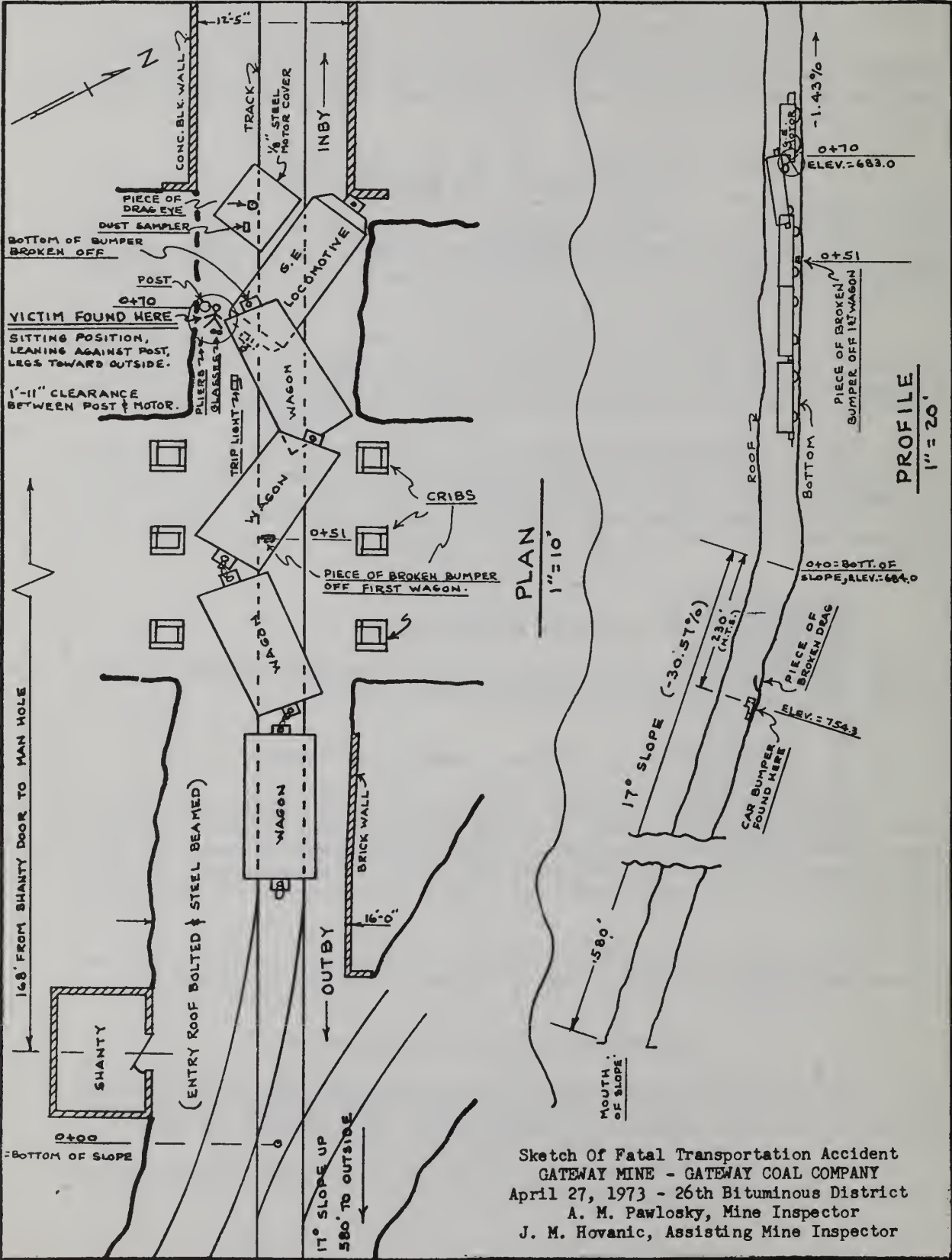
Also, ribs shall be treated the same as roof. If any looseness is noted, the area shall be immediately posted or timbered so that the workmen can be properly protected.

#### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be placed solely with management as the foreman and the workmen were doing everything they were instructed to do. Management has tried to get away from posting and timbering as much as possible - this is the result.

There are some cases, and this is one, where there was no other recourse except to post faulted ribs so they cannot shear off and cause injury.





A. M. Pawlosky, Mine Inspector  
J. M. Hovanic, Assisting Mine Inspector

26th Bituminous District

On April 27, 1973, at approximately 1:20 P.M., a motorman, 59 years of age, married, having no children under the age of 18, and having had three years experience at this occupation, 32 years total experience in the mines, was fatally injured when supply cars broke loose and hit the motor he was operating in the Gateway Mine, Gateway Coal Company.

#### DESCRIPTION OF THE ACCIDENT

The victim was fatally injured when he was caught by a runaway trip (four empty cars) that had broken loose from a six-car empty trip that was being pulled up the slope. The trip was approximately 230 feet up the slope when the bumper pulled away from the car. It could not be determined whether the bumper pin broke off or fell out as it could not be found.

Two empty cars were dropped down the slope which were to be coupled onto four empty cars that were on the bottom. These cars were to be taken to the surface to load supplies. When the two cars came to the bottom, the victim coupled them to the other four cars and placed the drag on the rear car. He then told the bottom man to signal the engineer to pull the trip.

When the trip was pulled up about 230 feet, four cars broke loose, came back down the slope and caught the victim between a locomotive on the straightaway and the cars. He was found by the bottom man and dust men lying between the motor and the rib. They immediately administered first aid, but the victim did not respond. He was pronounced dead underground by the company doctor.

The drag that the victim had placed on the rear was found along the track broken off at the "eye". According to the bottom man, the cars were not derailed when they came by him down the slope.

#### CAUSE OF THE ACCIDENT

This accident was the result of a defective drag on the rear of the trip. The fact that the drag was found broken and the cars were not derailed proved this fact.

Also, the victim, after placing the drag on the rear of the trip, did not go to a safe location; but, apparently, stood in the line of the slope traffic. The bottom man stated that he did not know exactly where the victim was standing when the cars came past him.

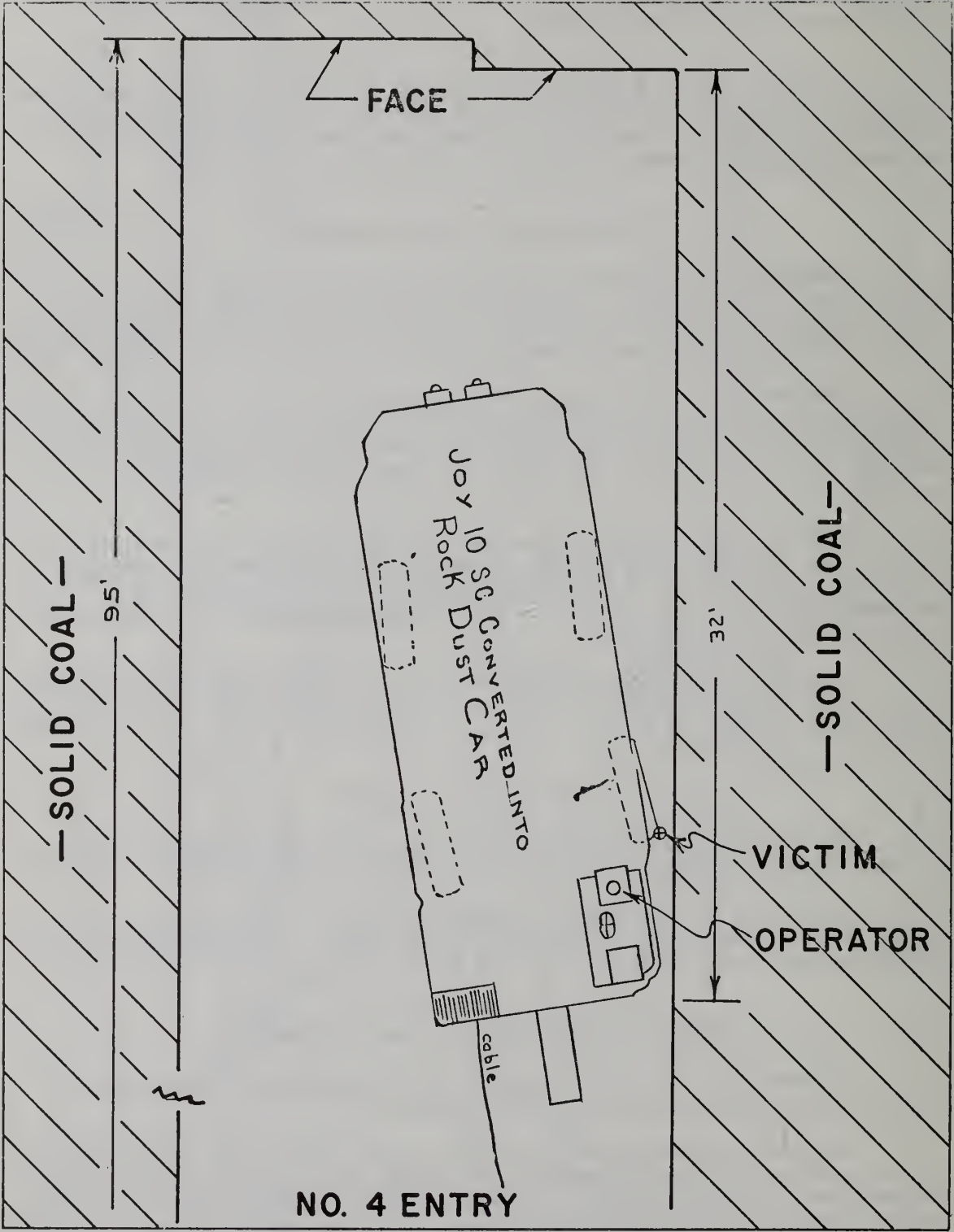
#### MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by systematic inspections of all trip cars by foremen or personnel responsible for the maintenance of these cars.

Also, each employee engaged in this type of work should be constantly made aware of the hazards that are associated with this particular job so that he, too, could be alert for any malfunction or mechanical defect. If employees were occasionally reminded that the safety measures adopted by the mining companies, according to State law, were there to prevent accidents or loss of life, safe working practices would become more of a habit and accidents kept to a minimum.

#### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be shared by the victim and management. The management should remind the workmen of potential hazards connected with their work. Visual safety aids, including danger and warning signs, should be placed at strategic points where there is danger of workmen being injured through carelessness or mechanical defect. The workmen should be aware at all times of hazards to their own safety as well as the safety of their fellow workmen.



Sketch Of Fatal Machinery Accident  
MATHIES MINE -- MATHIES COAL COMPANY  
May 3, 1973 -- 6th Bituminous District  
Joseph Reggianni, Mine Inspector  
A. S. Gillingham, Assisting Mine Inspector  
John F. Funka, Assisting Electrical Inspector



Joseph Reggianni, Mine Inspector  
A. S. Gillingham, Assisting Mine Inspector  
John F. Funka, Assisting Electrical Inspector

6th Bituminous District

On May 3, 1973, at approximately 6:05 P.M., an assistant mine foreman, 45 years of age, the father of one child under the age of 18, and having had 7 years 4 months experience at this occupation, 26-1/2 years experience in the bituminous coal mines, was fatally injured when he was crushed between the rock duster car and the rib in the Mathies Mine, Mathies Coal Company.

### **DESCRIPTION OF THE ACCIDENT**

The victim had instructed the operator of the rock duster car to take the car into the face of the No. 4 Entry where rock dusting was to be done. When the rock duster was positioned at the face of the No. 4 Entry, with the victim alongside of the rock duster car, the victim instructed the operator to start rock dusting and pull the rock duster to the left.

The operator, following instructions and with the victim still alongside of the rock duster, started the rock dusting; and then putting the vehicle in motion, inadvertently turned to the left crushing the victim into the rib with the left side of the rock duster.

It can only be assumed that communication between the operator of the rock duster car and the victim was not clear at the time in that the victim was facing towards the face of the No. 4 Entry when he instructed the operator, facing the opposite way, to turn left - causing the accident.

### **CAUSE OF THE ACCIDENT**

This accident was the result of the precarious position in which the victim placed himself between moving equipment and the coal rib.

### **MEANS OF PREVENTING A SIMILAR ACCIDENT**

To prevent a similar accident no one shall be permitted to be alongside of moving equipment. All mine personnel will be re-instructed by the management to keep in the clear of moving equipment.

Also, operators of equipment shall not move equipment until everyone is in the clear.

Also, good communications shall be maintained between operators of equipment and workmen in the same area.

### **RESPONSIBILITY FOR THIS ACCIDENT**

The responsibility for this accident must be placed on the victim for placing himself in a vulnerable position between the coal rib and moving equipment.



Sketch of Fatal Roof Fall Accident  
Bird No. 2 Mine — Island Creek Coal Company, Northern Division  
May 10, 1973 — 21st Bituminous District  
E. H. Pauley, Mine Inspector



E. H. Pauley, Mine Inspector

21st Bituminous District

On May 10, 1973, at approximately 10:00 P.M., a roof bolter, 39 years of age, married, the father of one child under the age of 18, and having had 16 months experience at this occupation, 2 years total experience in the mines, was fatally injured by a sudden collapse of roof in Bird No. 2 Mine, Island Creek Coal Company.

### DESCRIPTION OF THE ACCIDENT

The crew entered the mine at 4:00 P.M. and arrived on the section at 4:50 P.M. After driving No. 2 Entry for approximately fourteen feet, they took sights and found the sightline eight inches to ten inches from the left rib. A skip was taken along the left rib and the face squared off. Some of the loose roof, fourteen inches of coal and two inches of slate, was pulled down with a bar. The loose roof at the face could not be pulled down.

The section foreman instructed the men to leave it as it could be cut down when a crosscut was driven from No. 1 Entry to No. 2 Entry. The coal on the left side of the place was 46 inches high and the coal on the right side of the place was 60 inches high. The coal could not be cut down due to sandrock rolls in the roof. The roof bolter entered the place and was instructed by the section foreman to set safety posts and not to do anything at the face but put in a row of bolts where the skip had been taken.

The section foreman then went to the crosscut being driven from No. 3 Entry to No. 4 Entry. He told one of the crew to take the saw from the Miner to the victim in case he needed it. There were several safety jacks in the No. 2 Entry. There were no witnesses to the accident, however, two bolts had been installed and all indications showed that the victim was drilling for the third bolt when he encountered trouble as there were three holes in the roof, one was two inches deep, the second three inches deep, the third seven inches deep - all in sandrock. These holes were found in the roof after sixteen inches of top had fallen. While drilling for the third bolt, the roof collapsed and a piece of coal fourteen inches thick and two inches of slate, 70 inches long and 46 inches wide, fell on the victim.

The section foreman and the crew members heard the fall. The section foreman ran to the No. 2 Entry and found the victim under the coal and slate. The victim was removed, placed on a stretcher and transported to the outside. He was pronounced dead on arrival at the hospital. After the accident, the coal and slate that had fallen were moved and no safety posts or jacks were found.

### CAUSE OF THE ACCIDENT

This accident was the result of a sudden collapse of roof sixteen inches thick. The slate on top of the coal had a slickened side and feathered edge, 70 inches long and 46 inches wide.

### MEANS OF PREVENTING A SIMILAR ACCIDENT

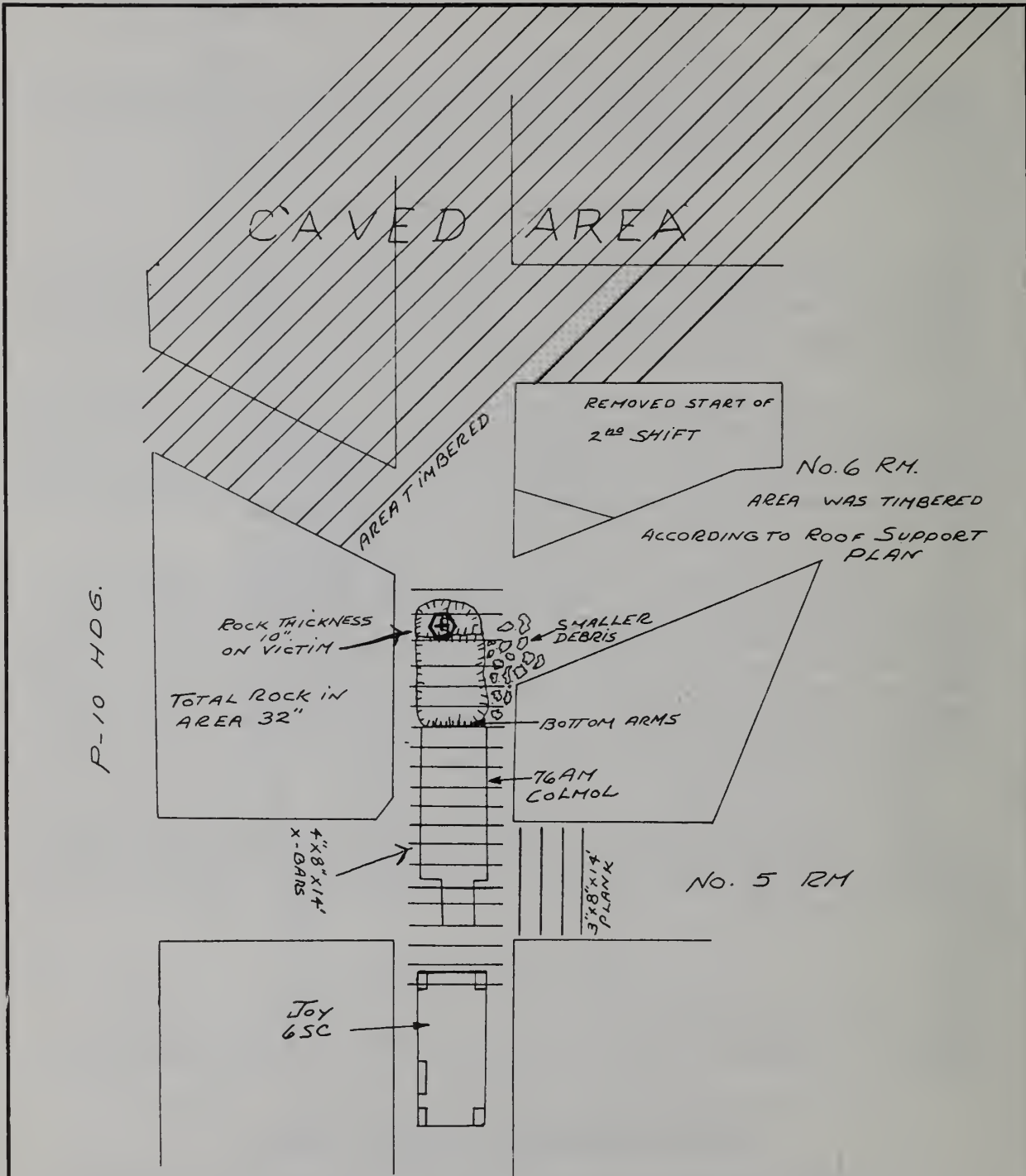
A similar accident can be prevented with temporary safety posts or jacks which shall be set at all times before starting to bolt regardless of the roof conditions.

Also, all places shall be driven on sights.

### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be placed on the victim and the mine official. The victim for not obeying orders and not complying with the safety rules for roof bolters. The mine official for not driving the place on sight and leaving the place before safety posts or jacks were set.

The Safety Rules for Roof Bolters were welded on the roof bolting machine in a steel frame under flexiglass and the paper laminated.



Sketch Of Fatal Roof Fall Accident  
 COLVER MINE -- EASTERN ASSOCIATED COAL COPORATION  
 June 11, 1973 - 19th Bituminous District  
 Lawrence Jones, Mine Inspector  
 A. E. Valeri)  
 E. H. Pauley) Investigating Mine Inspectors

Lawrence Jones, Mine Inspector  
A. E. Valeri, Investigating Mine Inspector  
E. H. Pauley, Investigating Mine Inspector

19th Bituminous District

On June 11, 1973, at approximately 9:30 P.M., a shuttle car operator, 60 years of age, married, having no children under the age of 18, and having had 20 years experience at this occupation, 26 years total mining experience, was fatally injured by a massive rock fall in the Colver No. 51 Mine, Eastern Associated Coal Corporation.

### DESCRIPTION OF THE ACCIDENT

The victim and crew entered the mine at 4:00 P.M. and arrived in the P-Right, #10 Section, #6 Room Pillar, at approximately 5:15 P.M.

The victim had taken a loaded shuttle car of coal to the coal transfer belt, unloaded the shuttle car of coal and returned to the working face. He parked the shuttle car behind the colmol that was moved back from the working face approximately six feet outby the right rib of #6 Room.

By the evidence received during the questioning of the crew members and foreman, it is the investigating inspector's opinion that the victim operated an off-standard Joy 6-SC shuttle car, parked the shuttle car and proceeded along the left side of the machine (unknown to Section Foreman or co-workers) to the location where five-gallon G. I. oil cans were. The victim was retrieving a five-gallon G. I. oil can when a massive rock fall from a mined out area, which overrode wooden crossbar timbers, caused crushing injuries to the victim's head.

### CAUSE OF THE ACCIDENT

This accident was the result of a massive rock fall from a mined out area which overrode wooden crossbar timbers.

### MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by careful examinations of mined out areas to determine the amount of coal that can be mined safely; danger from roof falls in pillar operations may be lessened by careful inspections and supervision; the foreman shall pass on all information to the next foreman as to the nature of mining that was done on his shift; no person shall be permitted to enter inby area where the roof is exposed from pillaring operations; and leave final push-out stump large enough to retard falling or hold loose material from falling. Cribs shall be maintained at intersections to push-out stumps to retard the falling of roof or hold loose material from falling.

### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be placed on the victim and foreman. The victim for misjudgment of the roof exposed by pillar removal and failure to communicate with the foreman and/or co-workers as to work procedure. The foreman for failure to observe and instruct the persons in the work area and in the immediate vicinity under his supervision and through misjudgment or lack of knowledge and proper determination in evaluating the conditions.





Joseph Reggianni, Mine Inspector  
S. A. Fredrick, Assisting Mine Inspector

6th Bituminous District

On June 15, 1973, at approximately 7:30 A.M., a roof bolter operator, 58 years of age, married, having no children under the age of 18, and having had 10 years experience at this occupation, 40 years total experience in the mines, was fatally injured from a roof fall accident in the Mathies Mine, Mathies Coal Company.

### DESCRIPTION OF THE ACCIDENT

At approximately 7:25 A.M. when the "C" Miner had finished cleaning up the No. 8 Entry, the assistant mine foreman made his pre-shift examination of the working place. Three safety jacks were already installed on the left side of the place on five-foot centers and three feet from the rib in compliance with the roof support plan.

The foreman stated that he visually examined the roof and also sounded the roof between the jacks and rib and reached out beyond the jacks. He said that the roof appeared to be normal. One of the victim's buddies stated that the roof condition appeared to be good, but neither he nor his buddy tested the roof.

The assistant foreman then examined for gas, dated the place and instructed the victim's two buddies to extend line brattice to within 10 feet of the face to provide face ventilation between shifts. The assistant foreman then left to complete his examination of the section.

In the meantime the victim had completed his work in the No. 9 Entry and went into the No. 8 Entry to assist his two buddies. His buddies were holding the line brattice; and, as the victim was inserting spads outby the first temporary roof support jack, the roof suddenly collapsed from the right side causing crushing injuries to the victim's entire body and injuring one of his buddies.

### CAUSE OF THE ACCIDENT

This accident was the result of the failure of the workmen to make the required examinations, properly evaluate the roof conditions of the working place, and by not setting the proper amount of temporary roof supports when doing work beyond permanent roof supports as required in the approved roof support plans for the mine.

### MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by allowing only persons instructed on how to properly examine the roof of an unsupported area to go beyond the last permanent roof support to install temporary roof supports. Temporary roof supports shall be placed at not more than five-foot centers in the complete area not supported by permanent supports before any work is done beyond permanent supports.

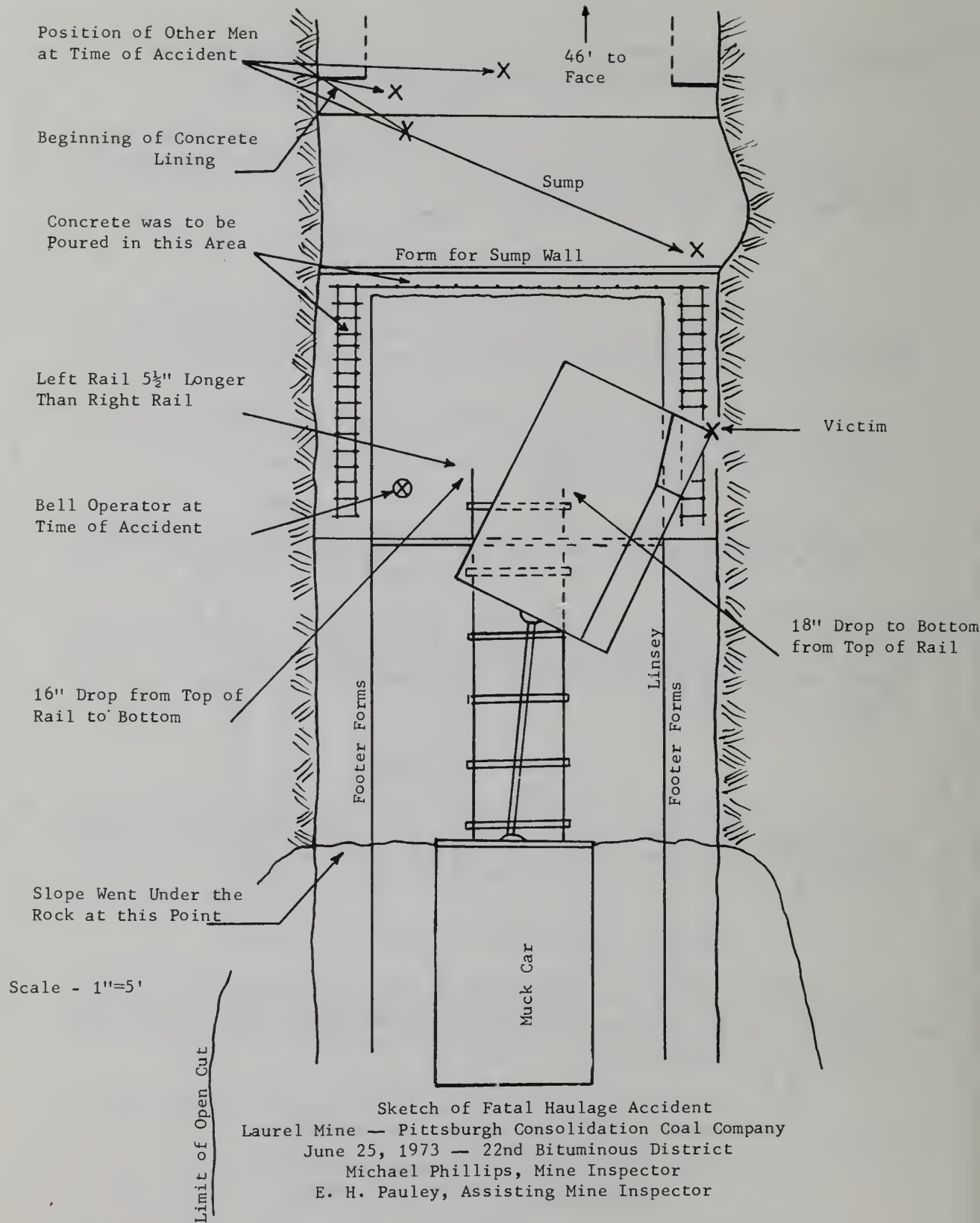
Also, roof of unsupported area shall be visually inspected and sounded and proper evaluation of roof conditions made before each temporary support is set.

### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must first be placed on the victim for failing to make the required examinations of the unsupported roof area. Also, for failing to set the number of temporary roof jacks as required in the roof control plan of the mine.

The responsibility must also be placed on the Assistant Mine Foreman for failing to see that the roof control plan was not complied with.





## REPORT OF FATAL ACCIDENT

73

Michael Phillips, Mine Inspector  
E. H. Pauley, Assisting Mine Inspector

22nd Bituminous District

On June 25, 1973, at approximately 10:10 A.M., a rock loader (who was operating a cement mixer at the time of the accident), 41 years of age, married, the father of one child under the age of 18, and having had no experience in the mines as he worked for R. G. Johnson, Contractor, was fatally injured when a cement car pinned him against the rib in Laurel Mine, Consolidation Coal Company.

### DESCRIPTION OF THE ACCIDENT

The victim was standing on the platform of a cement car while it was being positioned at the end of the rail to pour cement into the form of a sump being constructed. The right front wheel of the car dropped off the end of the rail, causing the car to tilt forward and to the right, pinning the victim against the right rib.

The victim died of head injuries.

### CAUSE OF THE ACCIDENT

This accident was the result of the victim standing on the platform while the cement car was in motion and there was no positive stop block at the end of the rails.

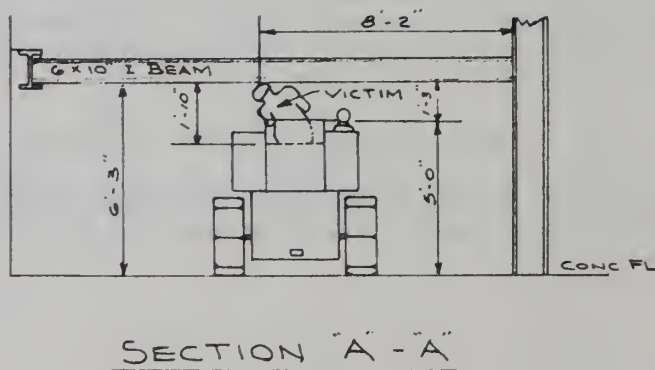
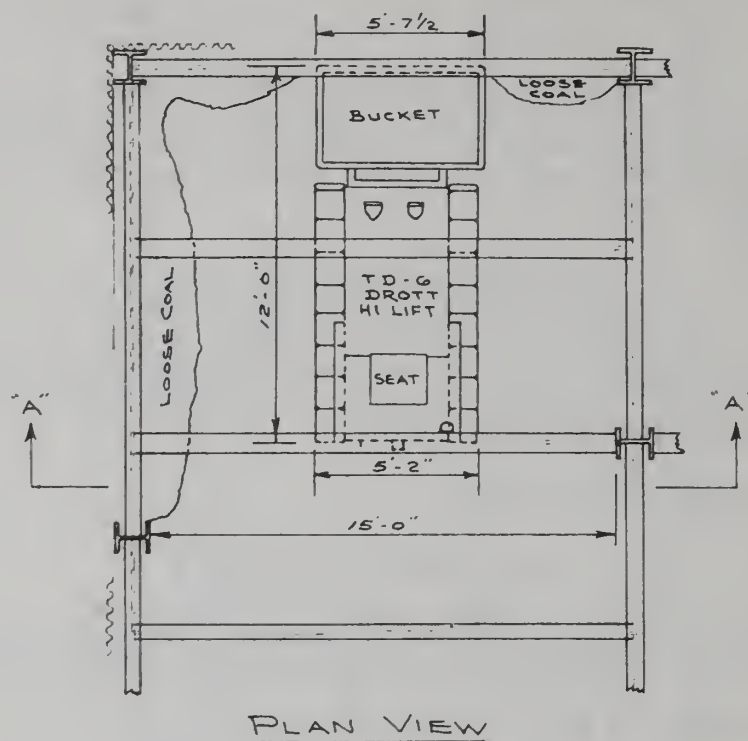
Also, attempting to position cement car too near the end of the rail.

### MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by prohibiting anyone from riding on cement car platform until it is positioned and made secure; provide some positive stop block at end of rails; and use extension on cement chute instead of trying to position cement car near end of rails.

### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be shared by the victim for riding on the cement car platform while in motion, and the supervision for permitting this practice and not providing positive stop block.



Sketch Of Fatal Machinery Accident  
 HARMAR PREPARATION PLANT - HARMAR COAL COMPANY  
 July 19, 1973 -- 5th Bituminous District  
 Frank J. Shoaf, Mine Inspector

Frank J. Shoaf, Mine Inspector

5th Bituminous District

On July 19, 1973, at approximately 10:30 P.M., a greaser, working as a hi-lift operator at the time of the accident, 48 years of age, married, having no children under the age of 18, and having had 10 to 12 years experience as a hi-lift operator, 20 years experience as a greaser, and a total of 20 years experience in the mines, was so severely injured when crushed between an I-beam and a hi-lift machine at the Harmar Preparation Plant, Harmar Coal Company, that he died on July 21, 1973.

### DESCRIPTION OF THE ACCIDENT

Since there were no eye witnesses to the accident, from evidence gathered it is the Inspector's opinion, as well as the opinion of the Investigating Committee, that the victim was operating the machine leaning over to the left outside of the cab. Because of the limited overhead clearance of 14-1/2 inches he could not sit erect obscuring vision surrounding conditions, and was tramping the machine forward. The point of impact shows markings on the overhead I-beam where the victim's hard hat hit with the I-beam causing a fractured neck. The right side of his hat was scraped and the scotch-tape name strip on the hat was scraped from the front to the back.

The victim was found slumped in the cab of the machine with his hard hat on the hood; his lamp cable and headpiece were still attached. The machine was idling and controls were in neutral.

The victim was given first aid at the scene, placed on a stretcher, treated for a broken neck and transported to a hospital where he died from the crushing injuries which caused a fractured disc C-5 broken on C-6, causing paralysis from the neck down.

### CAUSE OF THE ACCIDENT

This accident was the result of the victim operating the machine leaning out over the left side of the operator's cab due to the low area. He could not sit erect facing direction of travel in a normal position and was unable to observe surrounding conditions in the event of an unusual accident.

### MEANS OF PREVENTING A SIMILAR ACCIDENT

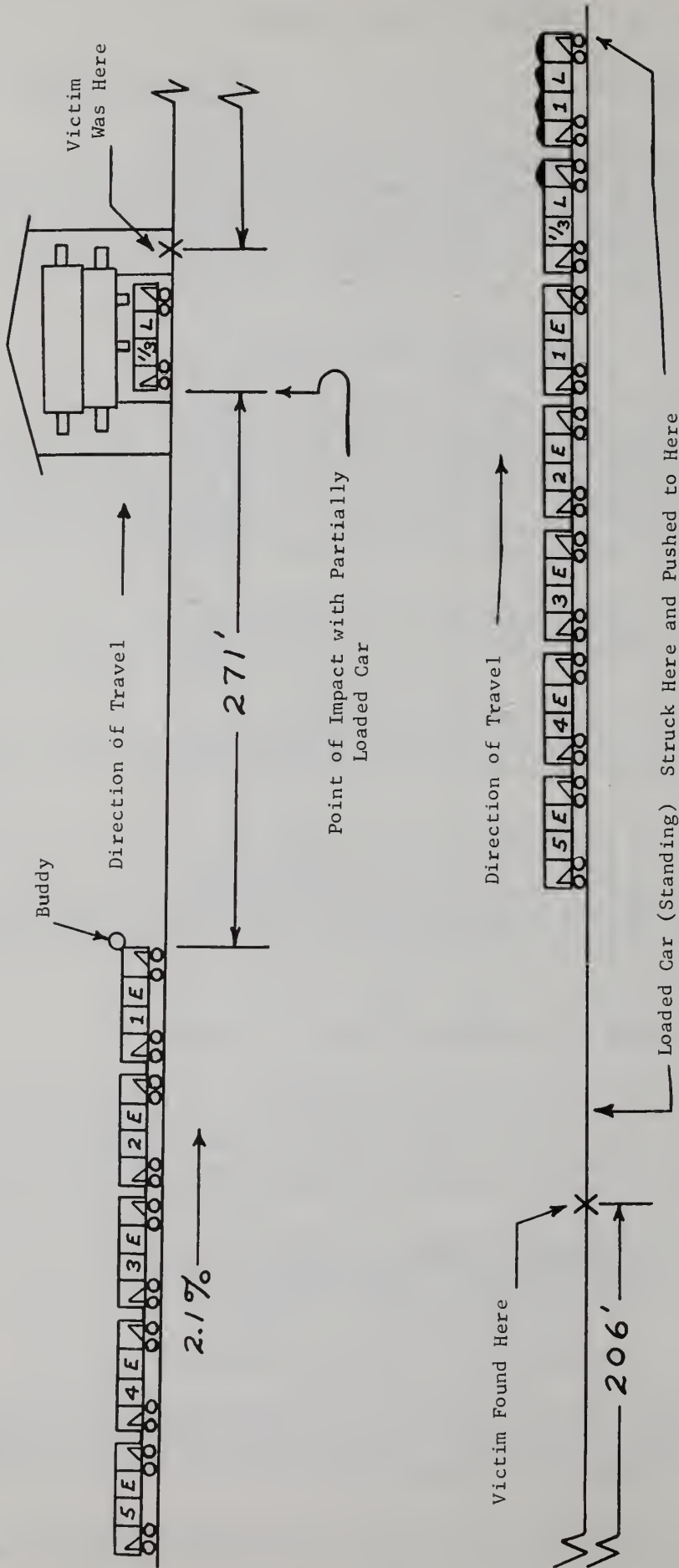
A similar accident can be prevented by not allowing this type of machine to be used for clean-up in low areas or any area of limited overhead clearance. The operator should be able to sit erect in the machine cab in a normal position, face direction of travel, use both hands to operate controls and have ample clearance overhead to observe surrounding conditions. On this type of machine an overhead cab should be installed for protection of the operators.

Management stated they will construct a cement blockwell around this low area to stop coal spillage from being accumulated in this area.

### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be shared by management and victim. Management has the responsibility in directing the working force in the method of carrying out assigned duties, see that they are carried out in a safe manner and that proper overhead clearance is provided for the safe operation of equipment.

The victim is responsible for placing himself in a precarious position in a low area of limited clearance where he could not sit erect, use both hands on the controls, observe surrounding conditions and face direction of travel.



Sketch of Fatal Transportation Accident  
Tipple No. 1 — M. F. Fetterolf Coal Company, Incorporated  
July 30, 1973 — 23rd Bituminous District  
Wayne L. Reynolds, Mine Inspector



Wayne L. Reynolds, Mine Inspector

23rd Bituminous District

On July 30, 1973, at approximately 10:15 A.M., a railroad car dropper, 39 years of age, married, the father of five children under the age of 18, and having had 3 years and 4 months experience in the coal mines, was fatally injured when a railroad car knocked the victim down, ran over him and pulled him for a distance of 206 feet at Tipple No. 1, M. F. Fetterolf Coal Company, Incorporated.

### DESCRIPTION OF THE ACCIDENT

The victim happened to be in front of the railroad car that was being loaded at the tipple when five empty railroad cars were being dropped. The empty cars got away from the car dropper, due to a defective brake, and rammed the car under the tipple.

The partially loaded car knocked the victim down, ran over him and dragged him for a distance of 206 feet, causing amputation of lower limbs above the knees.

### CAUSE OF THE ACCIDENT

This accident was the result of a defective brake on the first empty railroad car that was being used to control the five empty cars being dropped.

### MEANS OF PREVENTING A SIMILAR ACCIDENT

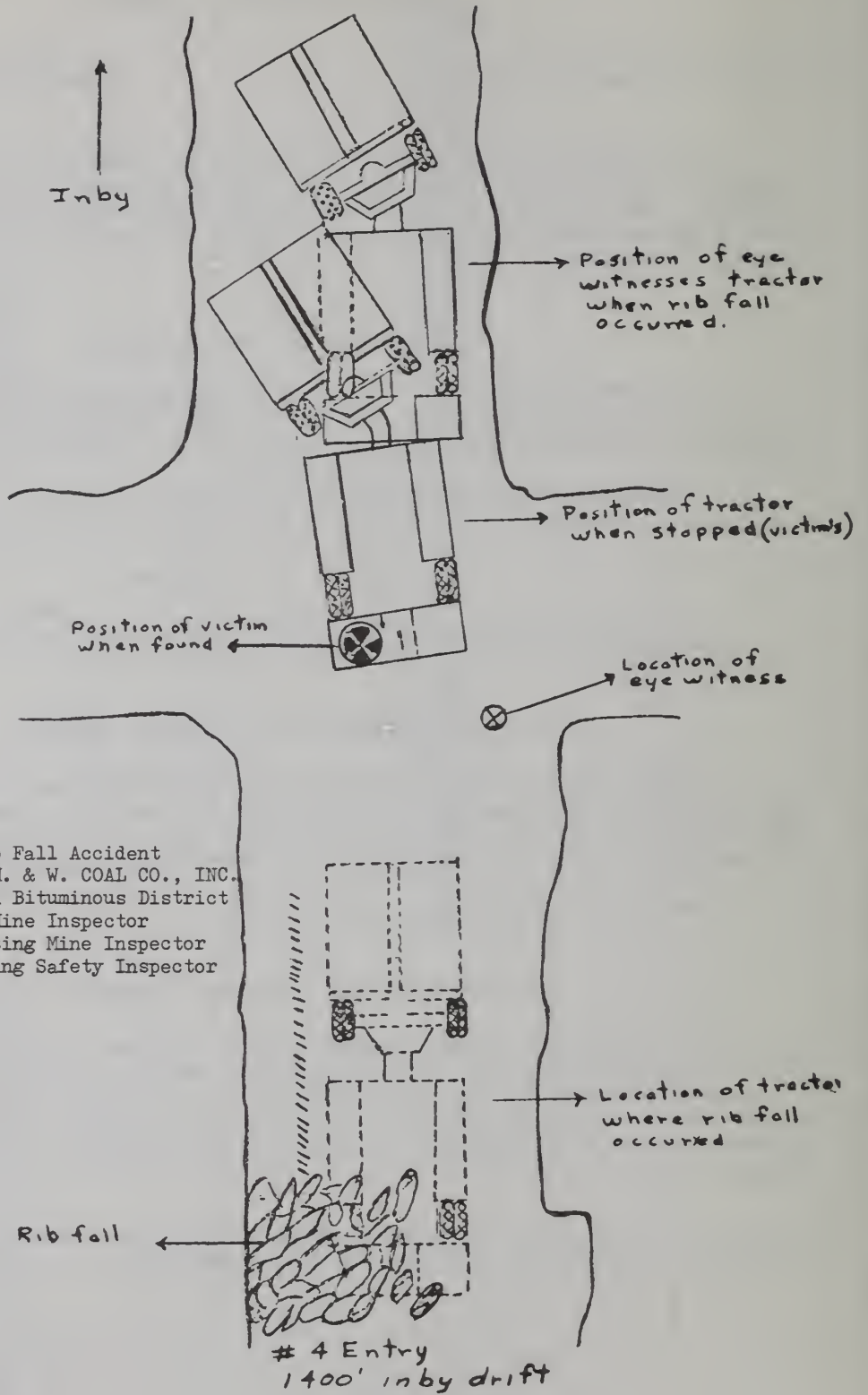
A similar accident could be prevented by providing positive means of controlling railroad cars when being dropped; installing a warning system and have it in operation when cars are being dropped; not more than three cars being dropped at any one time and two car droppers if brakes are not back to back; and the Supervisor should issue proper instructions as to procedure.

Also, all car droppers must wear safety belts.

### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must first be placed on the operator for lack of instructions and standard procedure on dropping cars. Second, on the car dropper for failing to evaluate or detect the bad brake on the car being used to control the five empty cars. Third, on the railroad company for supplying a car with a defective brake. Fourth, on the victim for placing himself in a hazardous area after being informed that empty cars were going to be dropped.

Note: The railroad car inspector stated, "This car's brake slack adjustor was defective and many cars with this type of brake adjustor are defective".



Sketch Of Fatal Rib Fall Accident  
 GROVE NO. 1 MINE -- G. M. & W. COAL CO., INC.  
 August 11, 1973 -- 23rd Bituminous District  
 Arthur L. Shank, Mine Inspector  
 Robert Fulton, Assisting Mine Inspector  
 A. J. Paciga, Assisting Safety Inspector

Arthur L. Shank, Mine Inspector  
Robert Fulton, Assisting Mine Inspector  
A. J. Paciga, Assisting Safety Inspector

23rd Bituminous District

On August 11, 1973, at approximately 9:45 A.M., a scoop operator, 27 years of age, married, the father of one child under the age of 18, and having 8 months experience at this occupation, 2 years and 7 months total experience in the mines was fatally injured by a rib fall accident in the Grove No. 1 Mine, G. M. & W. Coal Company, Incorporated.

#### DESCRIPTION OF THE ACCIDENT

Two scoop tractors, used for hauling supplies to the section, were going out of the mine for more supplies (the traveling way out is wet and on a 10-degree grade uphill going out of the mine). The second tractor had some difficulty climbing a ledge in the roadway. The operator used the scoop to fill in the roadway and got out of the tractor to shovel loose coal for traction.

The first tractor operator started back, presumably to help, and when he was approximately fifty feet away, the rib rolled over onto the second tractor operator (victim) causing crushing injuries to the chest, caved-in right front side, broken ribs and punctured lungs.

The only witness stated that the victim screamed when the rib fell onto the tractor.

#### CAUSE OF THE ACCIDENT

This accident was the result of a fall of loose coal, rock and boney from the rib on the high side of the entry.

Also, the hydraulic brakes were not in operating order upon examination of the tractor - the master cylinders were empty.

#### MEANS OF PREVENTING A SIMILAR ACCIDENT

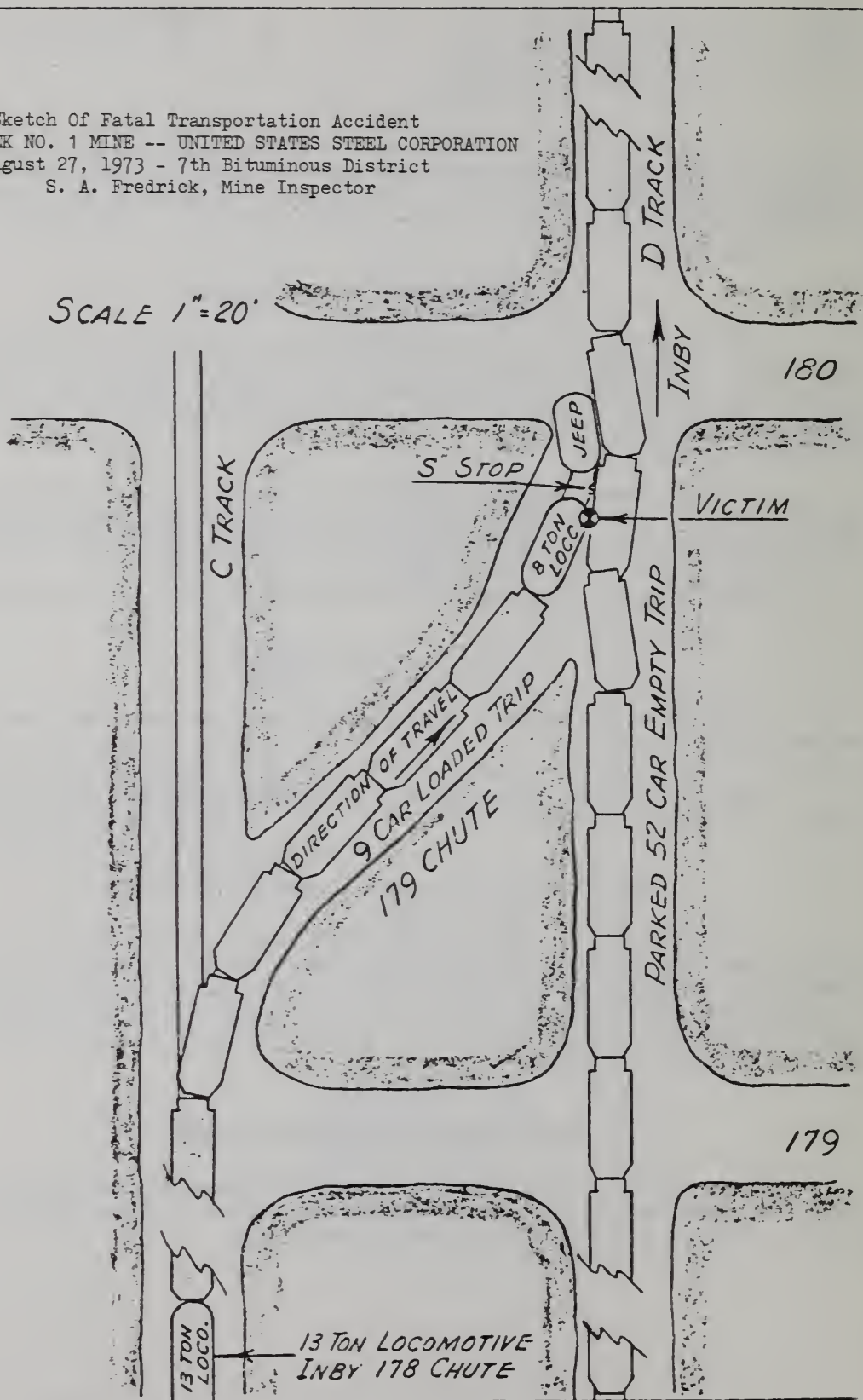
A similar accident can be prevented by more frequent examinations of entries by mine officials; loose coal should be taken down; better communication between tractor operators; tractors must not follow too close together due to conditions of the roadway; investigate the possibility of installing a protective canopy to protect the operator; install some means of bolting the ribs to prevent spalling; and, the equipment should be maintained in a more efficient manner and a record kept of all repairs.

#### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must rest on the management to recognize the dangers of the ribs spalling and not taking proper steps to control same. Also, by failing to make the proper examination of the traveling way before starting shift.

Sketch Of Fatal Transportation Accident  
MAPLE CREEK NO. 1 MINE -- UNITED STATES STEEL CORPORATION  
August 27, 1973 - 7th Bituminous District  
S. A. Fredrick, Mine Inspector

SCALE 1"=20'





S. A. Fredrick, Mine Inspector

7th Bituminous District

On August 27, 1973, at approximately 6:05 P.M., an assistant mine foreman, 45 years of age, married, the father of one child under the age of 18, and having had 5 months experience at this occupation, 22 years total experience in the mines, was fatally injured when he was crushed between empty mine cars and a locomotive in the Maple Creek No. 1 Mine, United States Steel Corporation.

#### DESCRIPTION OF THE ACCIDENT

Two motormen were waiting with nine loaded cars at 175 chute switch for the assistant mine foreman (victim) to go by. The victim asked the motor crew where he should park his jeep, and they told him to park in 179 chute. The motor crew saw the victim pull into 179 chute and assumed he realigned the track switch for straight. Not being directed by the dispatcher, the motor crew started up with the loaded cars to 185 loaded track. When the motorman was within 50 feet of the 179 chute switch, he saw that it was thrown for 179 chute where victim parked his jeep.

He called to the back motorman by trolley phone to apply his brakes. The cars with the eight-ton locomotive in the front and thirteen-ton locomotive in the rear went into the chute. The motorman said the victim was standing along the wide side when he came into the chute. The victim ran to the jeep and put his hand on the jeep and started to run along the jeep as the motor pushed the jeep towards D-track where the empty cars were. Just as the jeep hit the empty cars, the victim fell and was squeezed between the empty cars and the right front end of the locomotive crushing in his skull, chest, right shoulder and arm.

#### CAUSE OF THE ACCIDENT

This accident was the result of the victim entering 179 chute and not realigning the switch for straight. Because of this, an eight-ton locomotive pulling nine loaded cars with a thirteen-ton locomotive on rear ran into the chute and into the jeep.

#### MEANS OF PREVENTING A SIMILAR ACCIDENT

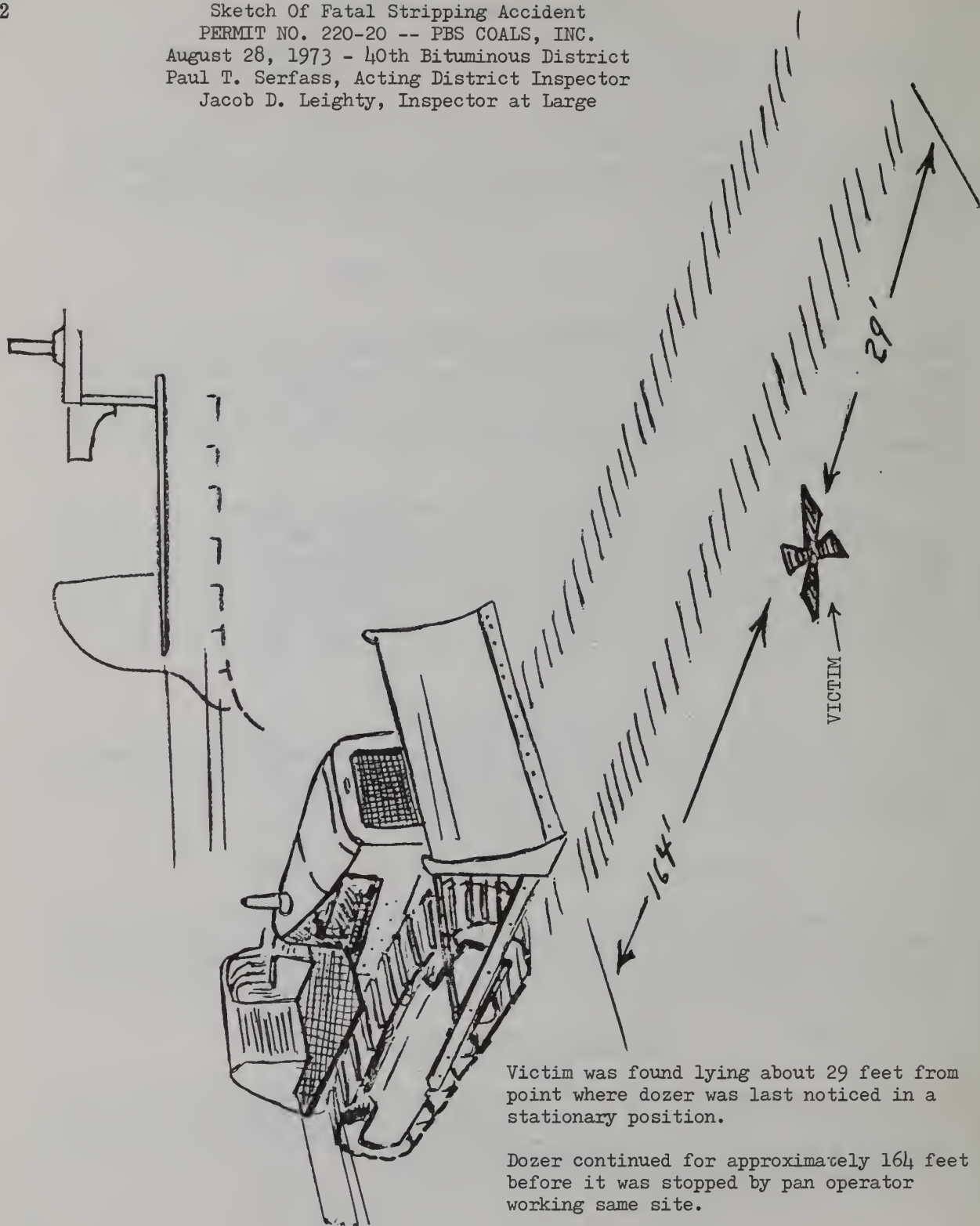
A similar accident can be prevented by better communications being maintained between operators of haulage equipment; reflectors shall be installed on all 85-pound main haulage switches; track switches shall be realigned for straight as soon as you pass through the latches; and, motormen shall use care in handling locomotives and cars and shall keep same under control at all times.

#### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be placed on the victim for failing to realign the switch for the straight. Also, the motor crew who directed the victim to park in 179 chute then failed to communicate with him before moving the loaded trip and, above all, should have had their trip under control.



Sketch Of Fatal Stripping Accident  
PERMIT NO. 220-20 -- PBS COALS, INC.  
August 28, 1973 - 40th Bituminous District  
Paul T. Serfass, Acting District Inspector  
Jacob D. Leighty, Inspector at Large



Paul T. Serfass, Acting District Inspector  
Jacob D. Leighty, Inspector at Large

40th Bituminous District

On August 28, 1973, at approximately 11:35 A.M., a bulldozer operator, 63 years of age, married, having no children under 18 years of age, and having had approximately 25+ years experience at this occupation, was fatally injured when caught between the cat track and cab floor extension while back dragging at the Cambria #3 Strip, Surface Mining Permit 220-20, PBS Coals, Inc.

#### DESCRIPTION OF THE ACCIDENT

Victim, assigned to operate dozer and prepare a site for the drill, did somehow get between the cat track and the cab floor extension while back dragging, causing fatal injury to the right side of the his body from the waist up to and including his head. It is assumed, from the "scrape marks" under the cab floor extension, that the body traveled approximately 44 inches between the cat tracks and the cab floor extension prior to falling free. Body was found lying face away from and feet on the windrow made by the dozer. The dozer moved approximately 29 feet in reverse to where the body was lying and continued, operatorless, for approximately 164 feet to where it was stopped by the pan operator who was working on the same site.

Victim was last seen alive walking around his "stopped" dozer for about 30 minutes prior to the accident. During this period he did not ask for assistance, nor did anything appear to be wrong.

#### CAUSE OF THE ACCIDENT

No eye witness to the accident.

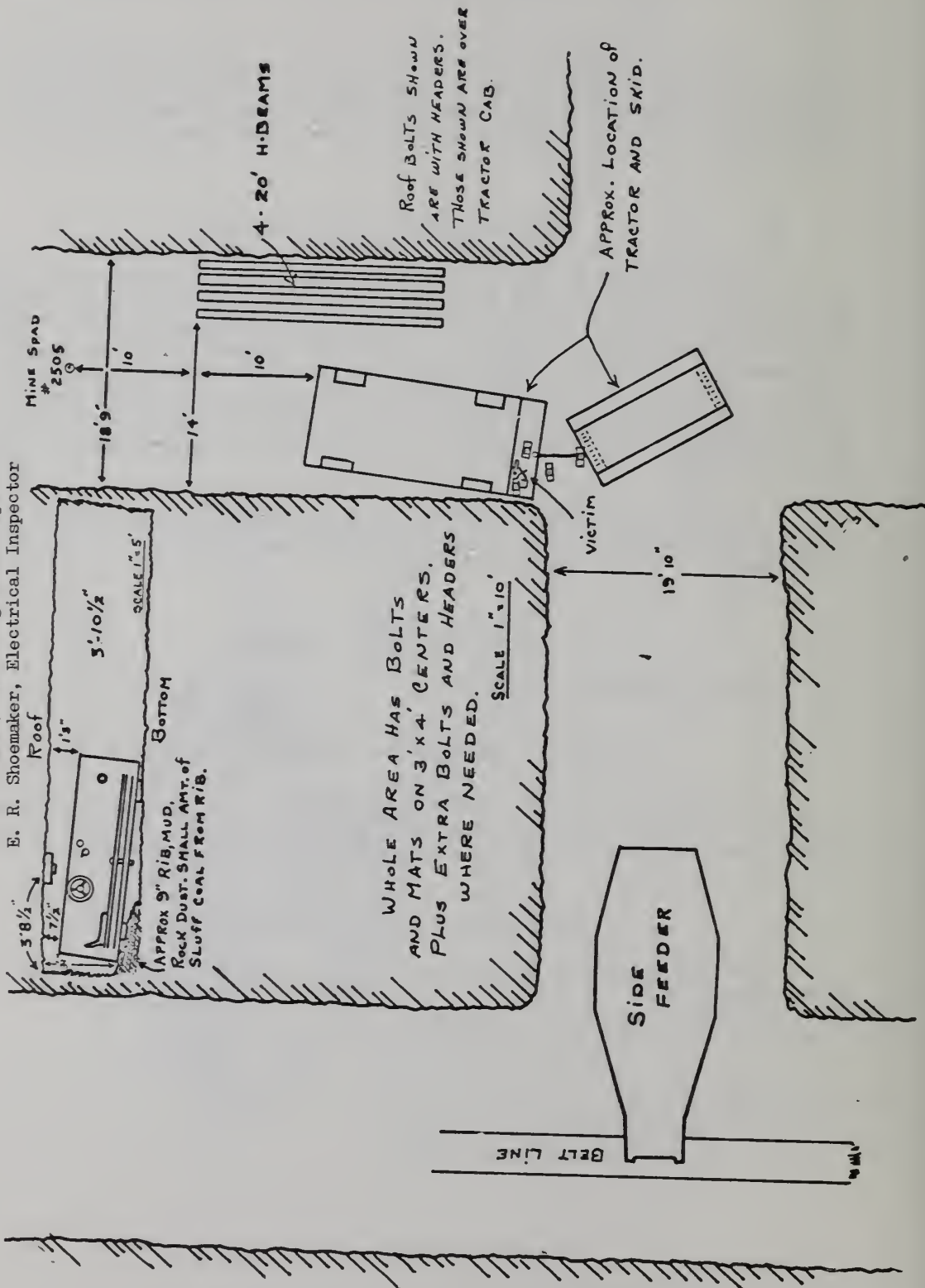
#### MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by making good safety practices "standard operating procedure." The operator should remain in the operator's seat when machinery is in motion. In hot weather the dozer should have a protective sun cover for the operator.

#### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be placed on the victim for not remaining in the operator's seat.

Sketch Of Fatal Transportation Accident  
 LUZERNE NO. 6 MINE -- HELVETIA COAL COMPANY  
 September 15, 1973 - 25th Bituminous District  
 R. E. Fulton, Mine Inspector  
 L. D. Kimmel, Assisting Mine Inspector  
 E. R. Shoemaker, Electrical Inspector



R. E. Fulton, Mine Inspector  
L. D. Kimmel, Assisting Mine Inspector  
E. R. Shoemaker, Electrical Inspector

25th Bituminous District

On September 15, 1973, at approximately 7:00 A.M., a miner operator, occupied as a battery tractor operator at the time of the accident, 49 years of age, married, the father of one child under the age of 18, and having had 8 years experience as a battery tractor operator, 28 years total experience in the mines, was fatally injured when he was crushed between the header block and the steering wheel of the battery tractor in the Lucerne No. 6 Mine, Helvetia Coal Company.

### DESCRIPTION OF THE ACCIDENT

The victim was fatally injured in the No. 4 Entry, West Mains, while attempting to get a mantrip skid ready with a battery tractor. He then, apparently, backed-up after pulling to the left side of the entry with the intention of uncoupling from the skid and traveling back past it to couple to the outby end of it.

In so doing the victim was caught between a header block, secured by a roof bolt, and the steering wheel of the battery tractor causing extensive injuries to the chest, head, left arm and shoulder and a massive puncture wound of the upper right arm.

Since there were no witnesses to the accident, the conclusions arrived at were obtained from the physical evidence at the place of accident and from information obtained from the man who found him and others that assisted in removing him from the cab of the tractor.

### CAUSE OF THE ACCIDENT

This accident was the result of the victim's error in judgment as to the overhead clearance on the left side of the entry where bottom coal had been left; thus, greatly restricting the overhead clearance. Also, by failing to observe the established policy of traveling around the pillar to turn around in areas where the overhead clearance was restricted.

### MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by strictly enforcing the policies established; and, whenever possible, by making additional height in the mantrip and supply roads.

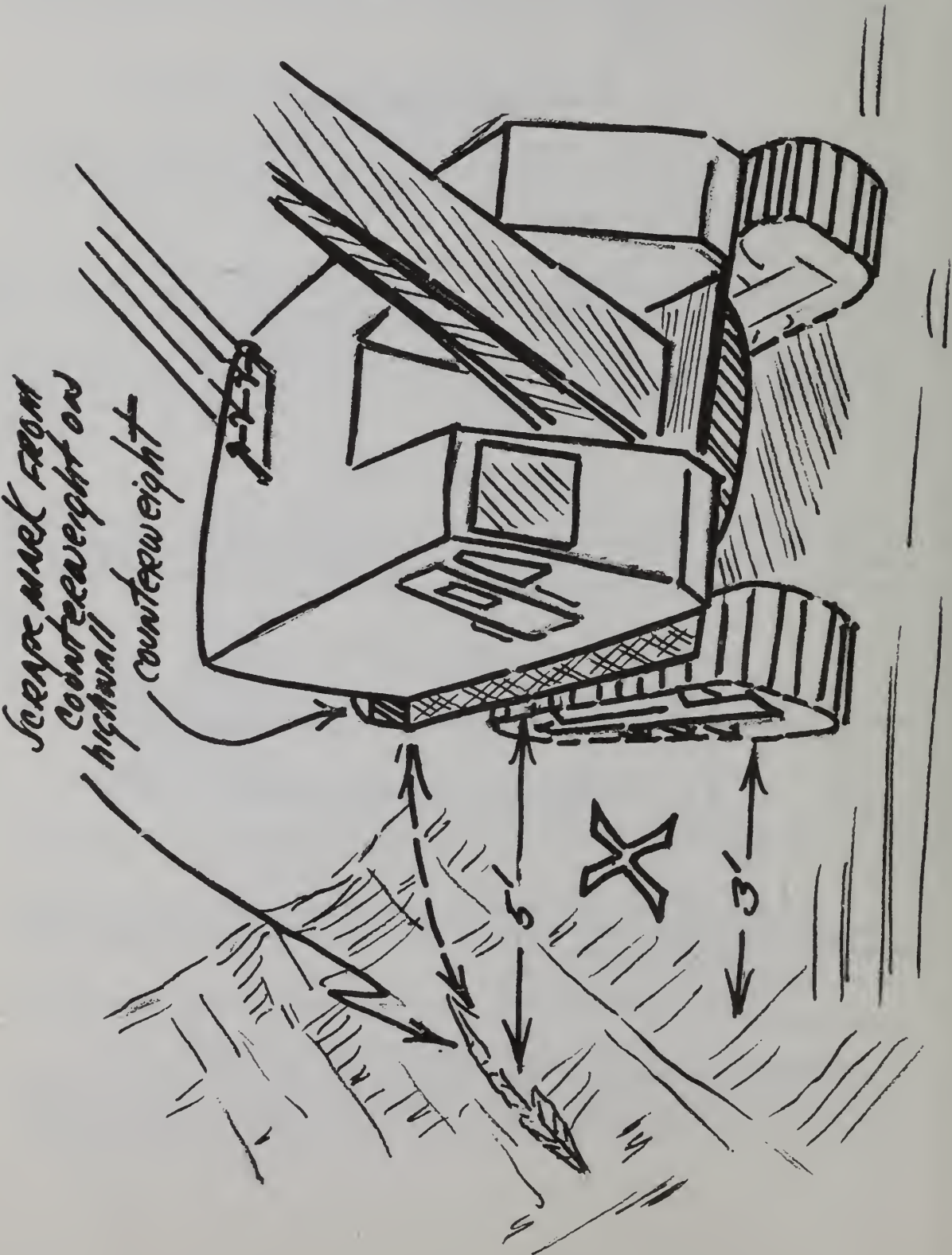
### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be placed on the victim for the following reasons:

1. Since this was his regular section, he was familiar with the section and area involved. He was also familiar with the company's policy to travel around the pillar when hauling mantrips or supplies to turn around.
2. He was also well experienced with operating battery tractors and had done so at other mines.
3. Further, he also knew that he had pulled into a position which greatly reduced his overhead clearance to the point where he was forced to double over in the operator's seat which should have warned him to stay in the center of the entry where he had adequate clearance.



Sketch Of Fatal Stripping Accident  
PERMIT NO. 618-4 - CARDINAL MINING COMPANY  
September 25, 1973 -- 40th Bituminous District  
Paul T. Serfass, Acting District Inspector  
Jacob D. Leighty, Inspector At Large





Paul T. Serfass, Acting District Inspector  
Jacob D. Leighty, Inspector at Large

40th Bituminous District

On September 25, 1973, at approximately 2:10 P.M., a laborer, 36 years of age, married, the father of two children under the age of 18, and having approximately 30 days experience with this firm, (total mining experience unknown), was fatally injured when caught between the counterweight on the loading shovel and the highwall at the Cardinal #4 Strip, Surface Mining Permit 618-4, Cardinal Mining Company.

#### DESCRIPTION OF THE ACCIDENT

The victim was last observed by the shovel operator standing in a safe location on the highwall, to the shovel operator's right, while the shovel operator was casting reject material (180 degrees) to his rear. Loaded swing to left 180 degrees and empty swing to right 180 degrees. The operating controls are located on the front right side of the power shovel cab.

The power shovel operator stated that on the return (empty) swing he noticed a thud or bump in his machine and stopped the machine immediately. Upon investigation, he found the victim lying on the pit floor alongside the right (highwall) side track of power shovel.

#### CAUSE OF THE ACCIDENT

There were no eye witnesses to the accident. The victim placed himself in a hazardous position by placing himself between the highwall and the counter balance of the swinging power shovel.

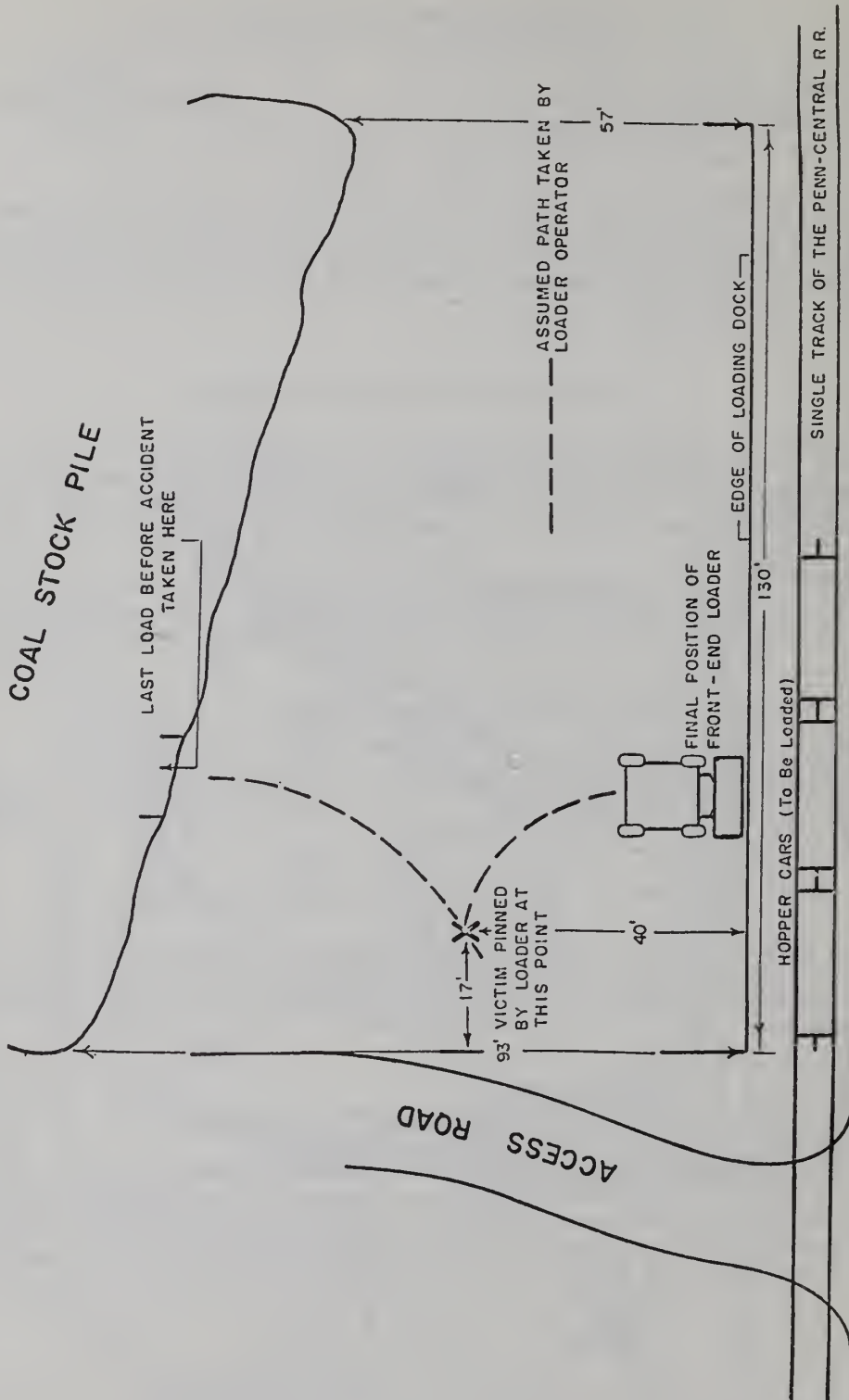
#### MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by complying with Safety Rule #17 of the Safety Rules & Regulations Governing Bituminous Strip Mines which states "Equipment that revolves in an arc shall have a minimum of three (3) feet clearance from the highwall, low wall or any other obstruction."

#### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be shared by the management, the shovel operator and the victim. Management for allowing the power shovel to operate without proper clearance between the highwall and the revolving machine; the shovel operator for working without proper clearance between the machine and the highwall and for inadequate communication between himself and the victim; and the victim for placing himself into this precarious position.

Sketch Of Fatal Machinery Accident  
LILLY LOADING DOCK - ACE DRILLING COAL CO., INC.  
October 11, 1973 -- 24th Bituminous District  
A. E. Valeri, Mine Inspector  
James Wise, Strip Mine Inspector  
J. E. Pringle, Electrical Inspector



TOWNSHIP ROAD

TO LILLY →

NOTE: ALL DISTANCES APPROXIMATED

Anthony E. Valeri, Mine Inspector  
James Wise, Strip Mine Inspector  
John E. Pringle, Electrical Inspector

24th Bituminous District

On October 11, 1973, at approximately 10:45 A.M., a strip mine foreman, 55 years of age, married, having no children under the age of 18, and having had three years experience at this occupation, 14 years total experience at this strip mine, was fatally injured when he was run over by a piece of heavy equipment at the loading dock of the Ace Drilling Coal Company, Incorporated.

### DESCRIPTION OF THE ACCIDENT

The victim was fatally injured when he was accidentally run over by a Caterpillar No. 988, 6-1/2 cubic yard front-end loader, that was filling hopper cars at the company's loading dock located at Lilly, Pennsylvania, Washington Township, Cambria County.

### CAUSE OF THE ACCIDENT

This accident was the result of the victim being in the area of the loading operations. The only eye witness stated that he had placed two hopper cars at the loading site, locked the brakes and started away when the victim called him to come over to where he was standing - next to the coal stock pile that was being loaded. The witness went to the victim and received instructions to clean out more hopper cars. The witness turned and walked towards the railroad track with the victim following. The witness heard the loader engine and turned and saw the victim lying between the left front and left rear wheels. He yelled at the operator, but the operator moved towards the hoppers and the left rear wheel ran over the victim.

### MEANS OF PREVENTING A SIMILAR ACCIDENT

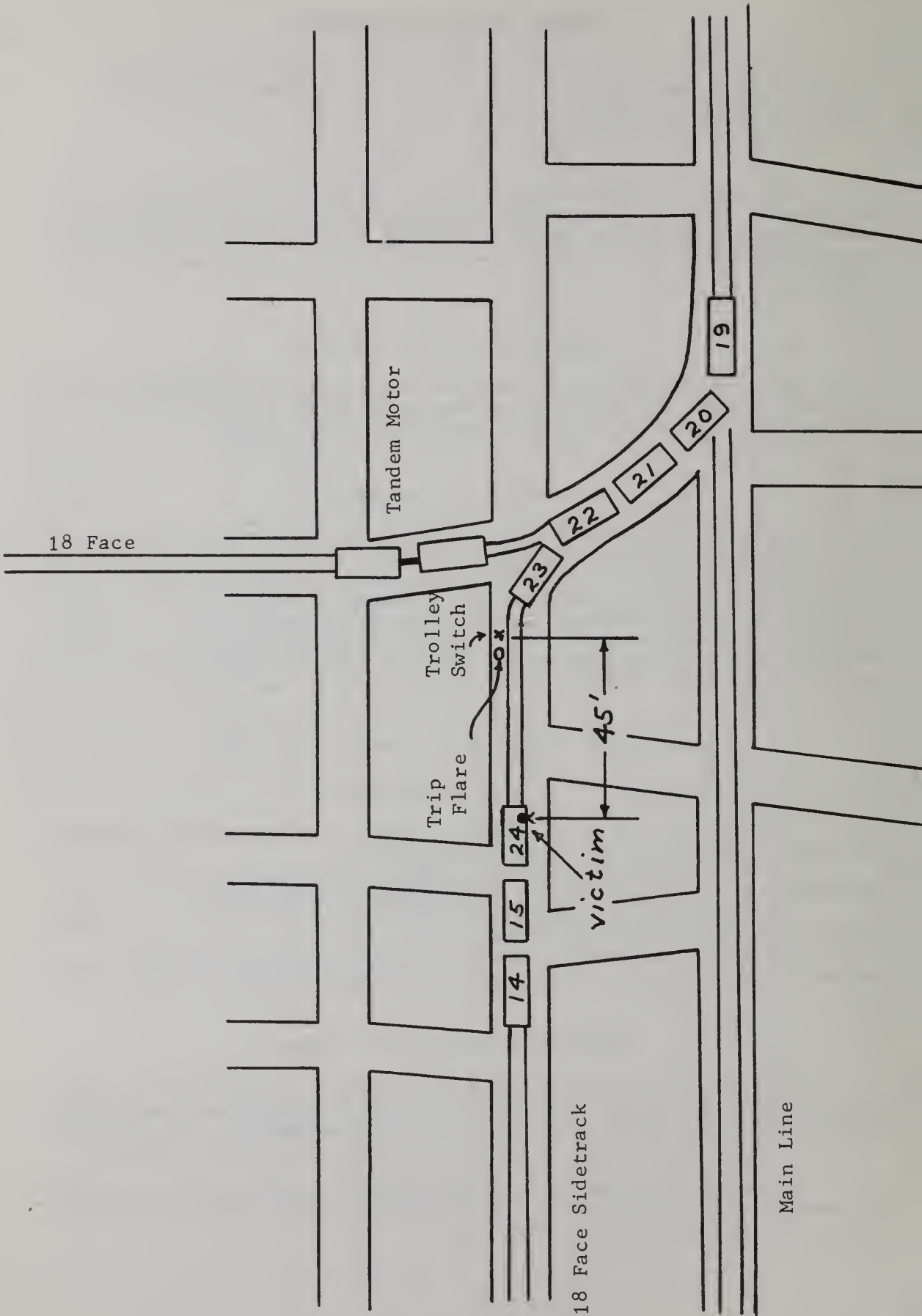
A similar accident can be prevented by the following:

- 1) Roping off areas at coal stock piles; putting up signs warning and not permitting any person or persons in the area during loading operations.
- 2) Providing and using a direct communication system between the machine operator and employees on the surface in the area where equipment is being operated.
- 3) Instructing and reminding employees of the danger of entering work areas without machine or equipment operator's permission.
- 4) Instruct and inform all machine operators to stop and not to again operate machinery until such time that all persons have been removed from the work area.

### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be placed on the victim and management; the victim for failure to be clear of the machine, away from the immediate area where machines were in operation; management for neglecting and failing to establish rules for employees and insisting that all persons stay clear and out of the area while machinery is in operation.

Management must further realize their responsibility does not merely end by providing the necessary equipment but to see to it that safe operating instructions and rules are strictly complied with by all employees.



Sketch of Fatal Transportation Accident  
Mathies Mine — Mathies Coal Company  
October 18, 1973 — 6th Bituminous District  
Joseph Reggianni, Mine Inspector



Joseph Reggianni, Mine Inspector

6th Bituminous District

On October 18, 1973, at approximately 10:38 A.M., a motorman, occupied as a brakeman at the time of the accident, 57 years of age, married, having no children under the age of 18, and having had one year's experience as a brakeman, 14 years total experience in the coal mines, was fatally injured when he was run over by a 50-ton locomotive at the Mathies Mine, Mathies Coal Company.

### DESCRIPTION OF THE ACCIDENT

The victim and his buddy coupled twenty-four (24) loads onto the 50-ton locomotive at the 3 Butt Side Track of the 18 Face Entries. The 50-ton locomotive then pulled out of the side track, with the victim and his buddy trailing the loads with their tandem locomotive, to the side track at the head of the 18 Face Entries which contained fifteen (15) additional loads to be connected. When the twenty-four (24) loads cleared the switch containing the fifteen (15) additional loads, the victim's buddy radioed the locomotive operator to stop. While the victim threw the switch, his buddy radioed the locomotive operator to start backing up to make the coupling. At this time, his buddy said that the victim was standing on the wide side near the loads to be coupled.

When the twenty-four (24) loads got to within one-car length of the loads, his buddy turned to pick up his walkie-talkie and tell the locomotive operator to stop because he was about to make the coupling. Turning around he did not see the victim. Quickly he radioed the locomotive operator to stop the trip to see where the victim was. Crossing through the trip, he saw the victim underneath the car which made the coupling to the standing loads.

### CAUSE OF THE ACCIDENT

This accident was the result of the trip flare which was found lying on the tight side of the track underneath the trolley wire. Since no one saw the accident, it can only be assumed that the victim placed himself in the middle of the track and was removing the trip flare from the last load on the trip while it was in motion toward him. The victim, apparently, lost his balance and fell underneath the trip.

### MEANS OF PREVENTING A SIMILAR ACCIDENT

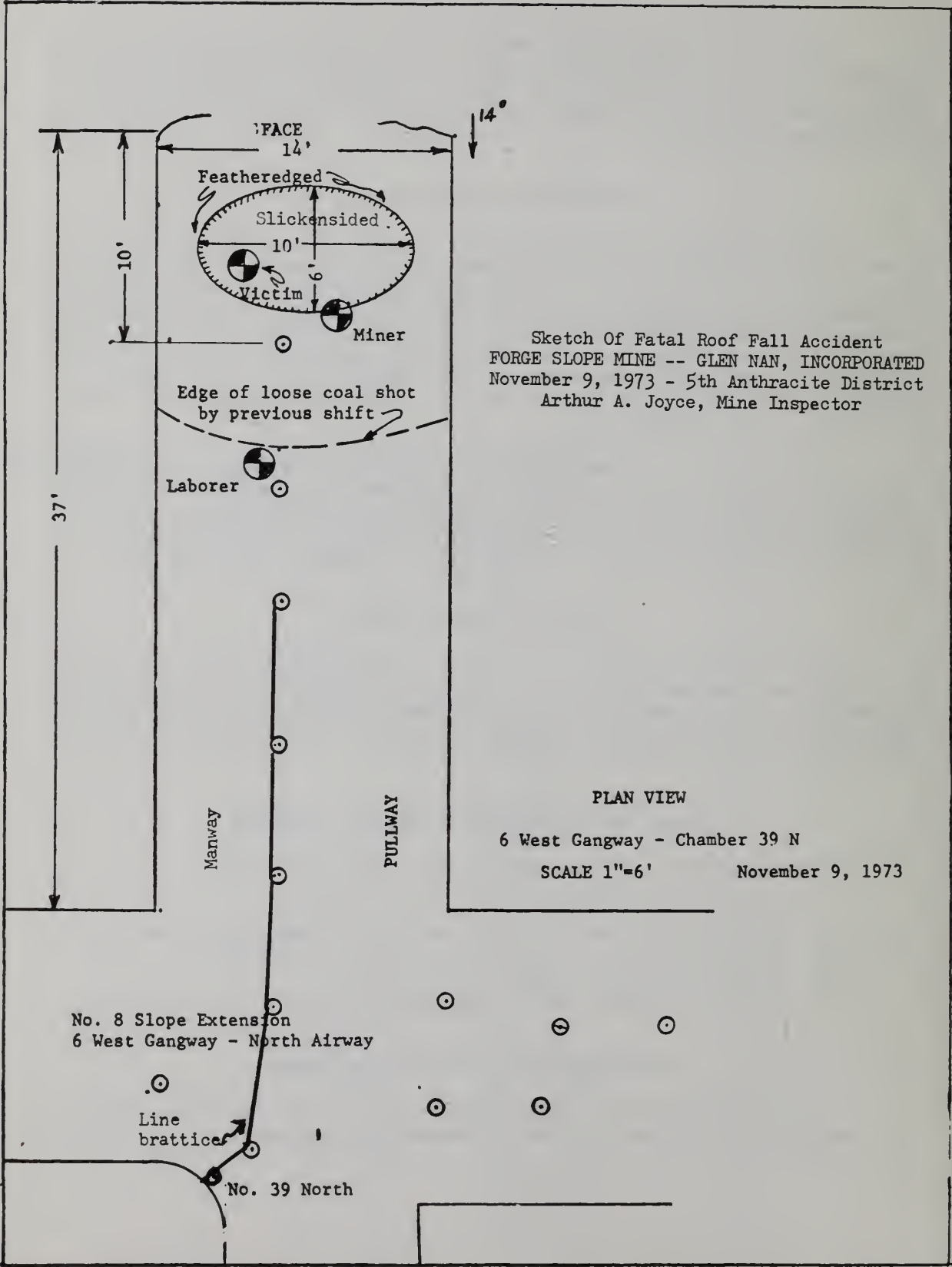
A similar accident can be prevented by the following precautions:

- 1) Brakeman to align switches and then stand in the clear.
- 2) Reinstruct all locomotive crews in proper ways of aligning couplers, and removing and placing trip flares on trips.
- 3) Locomotives shall be under control at all times.
- 4) Good communications shall be maintained between motormen and brakemen.

### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident shall be placed on the victim for placing himself in a dangerous position during the process of coupling trips together.





Arthur A. Joyce, Mine Inspector

5th Anthracite District

On November 9, 1973, at approximately 7:25 A.M., a section foreman, 60 years of age, married, having no children under the age of 18, and having had 14 years experience at this occupation, 44 years total experience in the coal mines, was fatally injured by a roof fall in the Forge Slope Mine, Glen Nan, Incorporated.

### DESCRIPTION OF THE ACCIDENT

This accident occurred during the first mining of the Bottom Red Ash Vein in No. 39 North Chamber off No. 6 West Gangway, No. 8 Slope Extension.

The fire boss examined the working place at 4:15 A.M. and at 6:20 A.M. in the presence of the section foreman (victim). The fire boss instructed the miner to take down loose roof in the pullway, trim the ribs and prop as the cut is cleaned, which was blasted on the previous shift.

The miner trimmed the loose roof in the pullway and then pulled down loose top coal at the face. The miner claims he tested the roof at the face before and after pulling down the loose top coal and found it to be safe. The miner and laborer drilled two eight-foot holes for the next cut, and one short hole for the slusher-hoist pulley pin prior to cleaning the cut.

The section foreman (victim) arrived in the chamber at approximately 7:15 A.M.; and after talking with the miner and laborer about a longer rope for the slusher and about changing the air line over to water, continued his examination to and at the face. He found a crack in the roof on the right side and instructed the miner to get his testing bar. The miner asked the section foreman to move back; and as he leaned forward to pick-up the bar, a piece of roof fell and fatally injured the victim and slightly injured the miner.

### CAUSE OF THE ACCIDENT

This accident was the result of a fall of roof rock in an unsupported area.

The rock that struck the victim and miner was ten feet long, six feet wide, and six inches thick in the center, featheredged all around and slickensided.

The victim, after finding a crack in the roof on the right side of the chamber, moved to the left side but it could not be ascertained as to whether or not he had sufficient time to retreat from the unsupported area down into the manway before the rock fell.

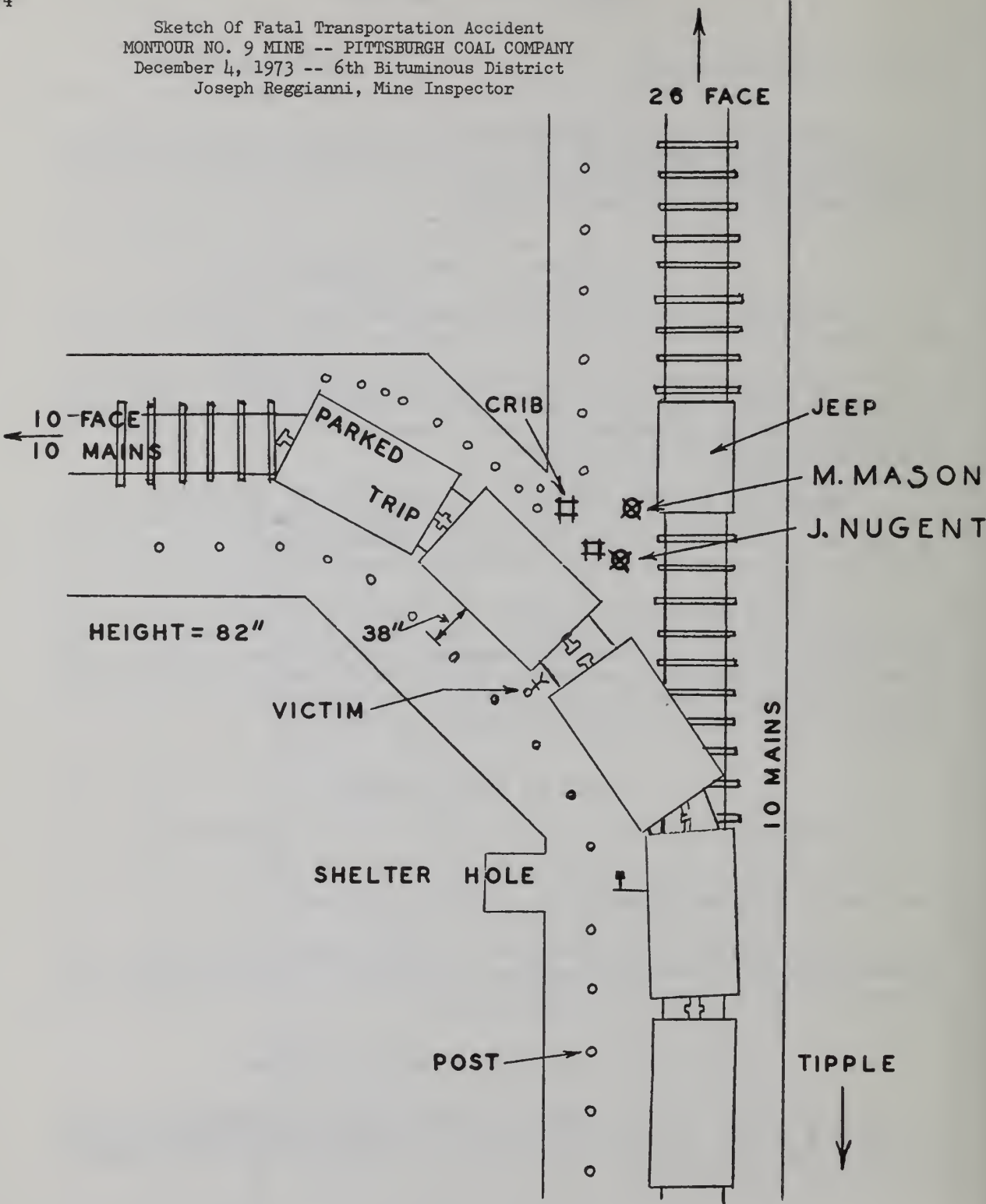
### MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by better evaluation of the condition of the roof. The miner may have erred in his judgment; however, the loose rock was discovered by the section foreman and the miner was about to start trimming said loose roof when it fell. Therefore, this occurrence was accidental.

### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be attributed to the hazards of the industry.

Sketch Of Fatal Transportation Accident  
MONTGOMERY NO. 9 MINE -- PITTSBURGH COAL COMPANY  
December 4, 1973 -- 6th Bituminous District  
Joseph Reggianni, Mine Inspector



Joseph Reggianni, Mine Inspector

6th Bituminous District

On December 4, 1973, at approximately 5:05 P.M., a motorman-brakeman, occupied as a brakeman when the accident occurred, 59 years of age, married and having no children under the age of 18 and having had 2-1/2 years experience as a brakeman, 41 total years experience in the coal mines, was injured when he was squeezed between couplers in the Montour No. 4 Mine, Pittsburgh Coal Company.

On December 23, 1973, the victim died as a result of the injuries he received nineteen (19) days earlier.

### DESCRIPTION OF THE ACCIDENT

On the afternoon shift the brakeman (victim) and the motorman, who service the 26 Face Right and 10 Face Left Sections in the 10 Mains at Lake Portal of the Montour No. 4 Mine, pulled a trip of eleven loads from the 26 face section and traveled to the entrance of the 10 Face Section. They parked the trip in by the 10 Face Switch and proceeded into the 10 Face Section to pick up ten loads and two empties to clear the loading ramp in this Section. The normal procedure is to pull out of the Section and couple to the loads standing on the main line; but, due to the two empties being at the rear of the ten loads, the loads taken from the 10 Face Section would be parked in the 10 Face Switch and the loads on the main line would be picked up and coupled to the trip in the 10 Face Switch. This way the two empties remain on the rear of the trip. It was done in this manner; and as the trip was about to couple, the victim stepped between the cars and was injured.

When the victim was interviewed at the hospital, he stated that when the trip was being pushed back he noticed that the couplers were not aligned. He stepped between the moving trip to align the couplers and was squeezed.

### CAUSE OF THE ACCIDENT

This accident was the result of the victim's failure to follow established safe work procedures for haulage equipment and transportation for coal.

### MEANS OF PREVENTING A SIMILAR ACCIDENT

A similar accident can be prevented by establishing safe working procedures which shall be complied with; all transportation personnel shall be reinstructed in the safe ways to perform their duties; trips shall be stopped to align couplers; coupling of trips shall be done at slow safe speeds with good communications between the motorman and brakeman at all times; and haulage personnel shall stand clear of moving equipment.

### RESPONSIBILITY FOR THIS ACCIDENT

The responsibility for this accident must be placed on the victim for his failure to follow established safe work procedures in handling transportation duties.





# **ANTHRACITE REGION STATISTICAL REPORTS**



## Production, Employees, Fatalities, 1870 to 1973

Year	Production (Net Tons) #	Washery and Bank Production*	Stripping Production*	Employees #	Fatal- ities #	Produc- tion per fatality #	Fatal- ities Per 1,000,000 Tons Pro- duced #	No. of Mine In- spec- tors #
1870	14,172,004			35,600	211	67,166	14.89	5
1871	15,532,252			37,488	210	73,963	13.52	5
1872	15,567,973			44,745	223	69,811	14.32	5
1873	21,001,521			48,199	264	79,551	12.57	5
1874	19,930,240			53,402	231	86,278	11.59	5
1875	23,402,646			69,966	238	98,330	10.17	6
1876	23,440,666			70,474	228	102,810	9.73	6
1877	24,727,213			66,842	194	127,460	7.85	6
1878	20,900,966			63,964	187	111,770	8.95	6
1879	31,036,600			68,847	262	118,460	8.44	6
1880	27,974,532			73,373	202	138,488	7.22	6
1881	34,202,558			76,031	273	125,284	7.98	7
1882	35,057,430			82,200	295	118,839	8.41	6
1883	37,747,369			91,421	323	116,865	8.56	6
1884	36,468,738			101,073	332	109,846	9.10	6
1885	38,232,155			100,320	332	115,157	8.68	7
1886	38,950,932			103,044	279	139,609	7.16	7
1887	42,156,300			106,517	316	133,406	7.50	7
1888	46,635,037			122,218	364	128,118	7.81	8
1889	43,650,768			119,646	397	109,952	9.09	8
1890	44,986,286			119,919	378	110,011	8.40	7
1891	49,701,322			123,308	428	116,125	8.61	8
1892	51,226,978			130,300	418	122,553	8.16	8
1893	52,841,110			138,069	456	115,880	8.63	8
1894	50,966,920	386,960		139,939	446	114,276	8.75	8
1895	56,948,756	386,534		143,705	421	135,270	7.39	8
1896	53,843,250	527,809		150,088	502	107,257	9.32	8
1897	52,581,036	732,743		149,557	423	124,305	8.04	8
1898	52,812,675	697,759		142,420	411	129,498	7.78	8
1899	60,518,331	1,055,426		140,604	461	131,276	7.62	8
1900	57,363,396	1,818,170		143,824	411	139,570	7.16	8
1901	67,094,665	2,009,864		147,651	513	130,789	7.65	8
1902	41,340,935	2,965,792		148,139	300	137,803	7.26	8
1903	75,232,585	4,119,258		151,827	518	145,237	6.89	15
1904	73,594,369	3,440,420		161,330	595	123,688	8.08	15
1905	78,647,020	3,897,688		168,254	644	122,123	8.19	15
1906	72,139,510	4,880,402		166,175	557	129,514	7.72	19
1907	86,056,412	5,630,169		168,774	708	121,549	8.23	20
1908	83,543,243	4,635,923		174,503	678	123,220	8.12	20
1909	80,223,833	5,206,562		171,195	567	141,488	7.07	20
1910	83,683,994	5,412,167		168,175	601	139,241	7.18	20
1911	90,917,176	4,555,457		173,338	699	130,067	7.69	21
1912	84,426,869	4,317,161		175,098	601	140,477	7.12	21
1913	91,626,964	2,934,157		175,310	624	146,838	6.81	21
1914	91,189,641	2,702,537		180,899	600	151,983	6.58	21
1915	89,377,706	3,418,427		177,339	588	152,003	6.58	21
1916	87,680,198	4,432,606		159,169	565	155,186	6.44	25
1917	100,445,299	6,408,227		156,148	581	172,883	5.78	25
1918	99,445,794	7,246,454		148,226	556	178,859	5.59	25
1919	87,838,024	3,616,675		153,780	636	138,110	7.24	25
1920	89,636,036	5,435,697		149,117	490	182,931	5.47	25
1921	90,358,642	1,842,096		161,926	546	165,492	6.04	25
1922	53,910,201	2,525,402		159,880	300	179,701	5.56	25
1923	92,653,641	4,212,001		158,764	515	179,910	5.56	22
1924	87,277,449	1,141,796		162,503	496	175,963	5.68	22
1925	61,334,145	894,187		163,825	401	152,953	6.54	18
1926	83,874,500	1,365,175		168,734	455	184,340	5.42	18
1927	79,367,154	1,841,440		167,648	492	161,315	6.20	25
1928	74,552,312	1,614,863		160,721	447	166,784	6.00	25
1929	72,985,844	878,599		153,422	483	151,109	6.62	25
1930	68,776,559	890,389		151,171	444	154,902	6.46	25
1931	59,115,387	1,468,572	%	138,400	384	153,946	6.50	25

Year	Production (Net Tons)	Washery and Bank Production*	Stripping Production*	Employees	Fatal ities	Produc- tion per fatality	Fatal- ities Per 1,000,000 Tons Pro- duced	No. of Mine In- spec- tors
1932	49,501,511	1,062,853	3,545,948	119,480	243	203,710	4.91	21
1933	49,507,577	2,090,996	4,308,811	102,469	232	213,395	4.69	21
1934	56,798,951	1,516,393	4,461,894	106,251	260	218,458	4.58	19
1935	51,359,111	1,876,700	4,962,514	100,539	267	192,256	5.20	17
1936	54,264,016	1,411,988	3,757,678	99,704	241	225,162	4.44	16
1937	51,700,296	1,882,026	5,014,052	99,117	212	243,869	4.10	22
1938	46,269,511	2,031,432	5,080,344	96,998	223	207,487	4.82	20
1939	51,399,707	2,347,269	5,308,049	93,352	210	244,761	4.09	24
1940	51,526,454	2,599,280	6,010,364	90,790	182	283,112	3.53	23
1941	53,942,177	3,689,538	7,855,945	88,849	189	285,408	3.50	22
1942	57,939,629	4,045,970	9,657,307	83,707	225	257,509	3.88	22
1943	60,511,730	7,715,860	8,688,896	79,369	218	277,577	3.60	23
1944	64,112,589	10,527,481	10,925,619	78,145	171	374,927	2.67	24
1945	55,901,235	9,454,205	10,521,174	76,265	137	408,038	2.45	23
1946	61,978,710	9,214,678	12,912,992	80,556	169	366,738	2.73	24
1947	58,227,985	7,076,796	12,691,382	80,730	165	352,897	2.83	24
1948	59,108,810	6,735,688	13,485,837	80,390	131	451,212	2.22	26
1949	44,710,118	4,823,144	11,081,087	79,209	92	485,980	2.06	26
1950	46,339,255	4,027,249	12,291,325	75,231	86	538,829	1.86	25
1951	42,389,055	4,843,834	11,376,379	70,357	94	450,927	2.22	25
1952	40,067,130	4,710,495	11,019,185	66,483	92	435,512	2.30	25
1953	30,495,391	3,892,083	8,883,984	56,952	59	516,871	1.93	25
1954	26,612,312	3,055,528	7,852,186	44,731	47	566,219	1.76	24
1955**	25,934,792	3,618,121	7,826,029	37,397	60	432,247	2.31	20
1956	28,175,633	4,336,168	8,527,613	35,029	54	521,771	1.92	18
1957	25,163,466	4,356,958	7,831,511	32,767	51	493,401	2.03	21
1958	20,456,474	2,711,152	7,001,422	26,738	31	659,886	1.52	20
1959	19,670,615	2,981,696	7,272,661	24,112	46	427,622	2.34	20
1960	17,721,113	3,006,803	7,138,743	20,269	35	506,318	1.98	23
1961	16,506,612	2,418,433	7,279,371	16,971	19	868,769	1.15	23
1962	16,496,315	2,829,421	6,942,675	14,704	26	634,474	1.58	22
1963	17,411,202	2,965,213	7,552,995	14,323	30	580,373	1.72	22
1964	16,524,687	3,013,307	7,248,900	13,584	24	688,529	1.45	22
1965	14,229,817	2,611,189	5,996,536	11,839	8	1,778,727	0.56	21
1966	12,031,375	2,662,558	5,317,432	9,621	5	2,406,275	0.41	21
1967	11,552,441	3,335,557	4,910,209	7,828	9	1,283,605	0.78	21
1968	11,025,482	3,571,862	4,918,353	6,682	4	2,756,370	0.36	16
1969	10,165,805	3,319,018	4,696,123	6,461	13	781,985	1.28	16
1970	9,248,011	2,956,707	4,624,610	6,286	4	2,312,002	0.43	16
1971	8,187,961	2,492,178	4,450,457	5,816	2	4,093,980	0.24	16
1972	6,462,093	2,072,658	3,492,444	4,431	3	2,154,031	0.47	16
1973	6,293,013	2,305,265	3,284,905	4,053	1	6,293,013	0.16	12

\* Included in total production

# No accurate record previous to 1870

¢ No accurate record previous to 1894

% No accurate record previous to 1932

\*\* In 1955 and subsequent years the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in this report.



YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	2,654,820	1,044,724	1,113,048	20,392,400	34,711,150	7,207,553	19,238,222	214,773	655,000	45,759	87,277,449
1930	1,754,134	865,253	867,363	15,312,853	27,456,102	6,748,282	15,673,224	64,071	122,981	122,981	68,776,559
1931	1,886,084	865,424	756,274	12,766,631	23,766,625	5,728,763	12,925,765	75,542	184,773	157,506	59,115,387
1932	1,821,911	497,966	673,078	11,729,255	19,327,982	4,679,188	10,479,627	70,794	97,514	124,196	49,501,511
1933	1,610,409	556,539	652,057	11,090,350	19,861,441	5,102,704	10,252,019	126,101	130,715	125,242	49,507,577
1934	2,057,670	917,520	631,835	12,440,808	21,438,372	5,767,112	12,911,938	189,070	179,236	265,390	56,798,951
1935	1,703,018	824,803	549,467	10,437,254	21,059,166	5,469,278	10,761,971	179,134	216,010	159,010	51,359,111
1936	1,873,797	1,546,444	400,758	11,154,691	21,315,049	5,208,201	12,333,446	213,847	19,169	198,944	54,264,016
1937	2,076,398	1,251,044	484,403	9,117,509	22,487,109	4,604,212	12,333,446	99,879	11,339	102,858	51,700,296
1938	1,947,771	1,157,913	425,871	8,439,828	20,365,737	4,090,787	9,774,216	49,383	7,030	10,975	46,269,511
1939	2,514,152	964,346	476,960	9,198,552	23,377,666	4,815,235	9,885,719	36,684	124,791	5,602	51,399,707
1940	2,175,348	1,026,366	505,558	9,259,463	22,672,016	4,939,464	11,242,175	50,844	86,449	9,071	51,526,454
1941	2,401,711	1,067,473	345,545	8,973,827	24,316,481	4,934,077	11,822,153	49,179	11,268	10,015	53,942,177
1942	2,796,798	998,124	57,479	9,344,388	25,767,343	5,295,913	13,520,462	49,113	62,761	47,248	57,939,629
1943	3,150,839	861,015	229,826	9,149,647	24,810,042	5,463,150	17,396,092	101,977	73,037	3,484	60,511,730
1944	3,644,877	1,147,941	299,349	9,427,467	24,810,042	5,743,444	18,834,594	147,756	46,216	10,903	64,112,589
1945	3,345,258	1,121,228	292,862	8,083,021	21,073,255	5,001,063	16,731,289	187,007	66,452	*	55,901,235
1946	3,166,205	1,457,754	141,800	9,058,331	22,770,658	6,342,793	18,811,399	105,862	123,908	-	61,978,710
1947	2,933,809	1,507,884	28,731	8,538,164	21,990,960	6,779,549	16,259,688	46,785	142,415	-	58,227,985
1948	2,801,893	1,679,495	10,254	8,610,881	21,591,846	6,937,340	17,275,544	63,230	138,327	-	59,108,810
1949	2,126,682	1,380,732	61,369	6,221,743	15,989,846	5,200,490	13,538,194	23,585	167,457	-	44,710,118
1950	1,988,317	1,281,807	52,275	6,526,466	17,112,757	5,211,307	14,066,493	26,690	73,443	-	46,339,255
1951	1,894,035	985,177	30,433	5,775,808	14,882,432	5,749,967	13,021,079	28,762	21,662	-	42,389,055
1952	1,899,297	760,695	868	5,303,545	13,774,952	5,326,446	12,977,572	24,055	-	-	40,067,130
1953	1,561,836	745,649	21,811	3,555,642	10,201,927	4,247,561	10,142,880	18,085	-	-	30,495,391
1954	1,272,419	568,733	52,281	2,903,470	10,675,181	3,283,315	7,836,675	20,238	-	-	26,612,312
1955	1,749,692	639,990	212,239	2,594,928	9,921,275	2,749,383	8,057,660	9,625	-	6,361	25,934,792
1956	1,746,287	841,201	254,495	3,232,566	9,762,753	3,524,853	8,801,402	5,715	-	-	28,175,633
1957	1,107,042	850,479	195,499	2,680,409	8,389,265	3,415,614	8,516,317	6,841	-	-	25,163,466
1958	623,195	888,009	123,861	2,094,170	6,774,033	2,600,831	7,307,839	15,174	1,680	-	20,456,475
1959	518,252	692,224	142,720	2,147,827	6,172,748	2,551,604	7,432,081	8,052	-	27,683	19,670,615
1960	519,583	474,234	129,002	1,853,008	5,380,696	2,411,599	6,933,916	13,828	-	5,107	17,721,113
1961	579,106	464,421	108,542	1,194,971	5,307,953	2,004,278	6,827,844	16,534	679	1,568	17,721,113
1962	497,925	441,185	110,384	1,079,459	6,090,572	1,702,891	6,583,012	10,789	1,645	1,318	16,506,612
1963	727,445	445,749	230,324	964,475	6,412,375	2,082,968	6,531,130	8,729	9,512	589	16,496,315
1964	551,442	910,704	237,555	879,898	5,649,906	2,267,083	6,011,519	15,081	-	8,007	17,411,202
1965	444,826	416,272	196,495	660,558	5,346,676	1,600,886	5,536,420	23,096	-	1,499	16,524,687
1966	507,724	299,622	167,568	501,187	4,478,217	1,431,414	4,624,032	20,474	1,137	193	14,229,817
1967	545,089	507,236	162,213	431,073	4,192,283	1,417,420	4,261,992	34,766	369	-	12,031,375
1968	533,757	309,860	122,743	558,459	3,476,065	1,680,202	4,297,648	37,159	-	-	11,552,441
1969	497,159	327,999	52,613	441,475	3,360,976	1,309,666	4,133,984	40,808	9,589	-	11,025,482
1970	465,359	389,255	85,958	402,420	2,719,940	1,025,830	4,043,335	115,914	1,125	-	10,165,805
1971	323,840	232,698	45,400	397,957	2,598,269	894,462	3,569,335	125,913	117	-	9,248,011
1972	172,217	128,798	47,040	282,737	2,022,194	957,087	2,786,598	65,422	-	-	8,187,961
1973	98,164	10,565	36,652	214,460	1,960,579	955,362	2,975,474	38,130	3,627	-	6,462,093
											6,293,013

Total  
Pro-  
duction  
(Net  
Tons)



YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	4,776	2,213	2,043	35,816	63,308	11,660	37,672	708	1,178	99	162,503
1930	4,216	1,757	2,016	36,317	61,114	11,354	33,082	584	457	274	151,171
1931	4,160	1,290	1,766	33,797	59,225	11,326	25,654	586	254	342	138,400
1932	3,870	997	1,657	29,700	50,231	10,084	21,507	703	454	297	119,500
1933	3,392	1,009	1,285	21,375	44,450	7,980	21,547	718	203	510	102,469
1934	4,344	948	1,126	22,954	46,737	8,161	21,062	510	200	209	106,251
1935	4,935	1,324	1,012	20,889	43,701	7,757	19,697	596	403	225	100,539
1936	5,517	1,697	888	19,607	44,454	7,525	19,159	611	27	219	99,704
1937	4,282	1,871	877	19,188	45,755	7,489	19,002	426	158	69	99,117
1938	4,713	1,951	918	17,818	45,731	7,473	18,065 a	290	42	20	97,021
1939	4,686	1,943	904	17,875	43,344	7,637	16,494 b	215	235	19	93,352
1940	4,376	1,664	867	16,860	43,238	7,397	16,039 c	187	145	17	90,790
1941	4,446	1,489	587	14,974	43,726	6,815	16,615 d	144	37	16	88,849
1942	4,433	1,486	553	14,388	39,219	6,498	16,945 e	104	38	43	83,707
1943	4,337	1,316	130	13,064	35,807	6,485	18,052 f	164	14	*	79,369
1944	4,240	1,711	149	12,344	33,560	6,409	18,721 g	211	*	*	78,145
1945	4,588	1,954	195	11,400	32,888	5,877	19,127 h	207	29	*	76,265
1946	4,599	2,162	300	12,010	34,526	6,124	20,613	181	41	*	80,556
1947	4,891	2,319	152	12,381	33,869	6,636	20,302	127	53	*	80,730
1948	4,637	1,963	61	12,222	34,282	6,521	20,523 i	140	41	*	80,390
1949	4,420	1,760	83	11,702	35,040	6,009	20,047 j	104	44	*	79,209
1950	3,739	1,705	125	11,005	33,176	5,852	19,458 k	79	70	*	75,231
1951	3,872	1,496	153	10,410	30,596	5,583	18,159 m	63	9	*	70,357
1952	3,279	1,352	40	9,717	28,512	5,538	17,937 n	101	-	-	66,438
1953	2,987	1,298	71	8,496	23,974	4,949	15,116 o	61	-	-	56,952
1954	2,483	957	72	7,074	17,202	4,090	12,747	106	-	-	44,731
1955	2,197	1,121	203	4,954	14,399	4,380	10,123 p	20	-	-	37,397
1956	2,092	1,104	210	4,415	14,218	3,169	9,806 q	7	-	8	35,029
1957	1,892	1,143	191	4,309	12,442	3,239	9,544 r	7	-	-	32,767
1958	837	1,064	167	3,448	9,642	3,022	8,512 s	25	3	18	26,738
1959	613	853	208	3,235	8,397	2,857	7,923 t	22	4	4	24,112
1960	759	583	208	2,937	6,002	2,817	6,928 u	21	4	10	20,269
1961	349	416	201	2,167	5,126	2,689	5,998 v	16	3	6	16,971
1962	339	387	223	1,523	4,558	2,115	5,538 w	13	2	6	14,704
1963	387	366	187	1,239	4,626	1,994	5,497 x	13	-	14	14,323
1964	334	549	188	1,171	4,538	1,948	4,832 y	19	-	5	13,584
1965	200	288	159	992	4,167	1,647	4,363 z	17	3	3	11,839
1966	231	158	117	915	3,428	1,312	3,437 aa	15	5	3	9,621
1967	224	240	90	475	3,021	866	2,892 bb	15	5	-	7,828
1968	198	188	77	421	2,366	765	2,646	15	6	-	6,682
1969	283	154	80	410	2,077	806	2,617	26	8	-	6,461
1970	299	150	71	370	2,038	731	2,591	36	-	-	6,286
1971	287	116	60	323	1,799	659	2,534	36	2	-	5,816
1972	150	95	47	284	1,401	493	1,941	20	-	-	4,431
1973	44	24	50	251	1,343	472	1,842	21	6	-	4,053

Employees

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	1,325,996	498,917	566,352	9,879,932	17,094,203	4,008,190	10,211,942	85,557	350,817	29,205	44,054,141
1930	738,578	257,535	371,194	7,689,354	12,990,705	3,010,032	6,482,976	38,484	52,719	43,458	31,675,665
1931	730,607	230,208	349,013	6,288,064	10,359,468	2,100,032	4,748,290	38,404	46,601	67,648	24,959,113
1932	537,711	160,097	276,268	5,011,732	7,724,183	1,822,717	3,516,543	67,632	25,763	31,228	19,173,874
1933	455,966	157,495	244,098	4,462,932	7,539,709	1,681,984	3,601,752	54,129	38,976	64,680	18,301,721
1934	756,434	206,878	248,595	5,384,563	8,991,190	1,958,718	4,097,456	88,891	53,800	56,430	21,842,955
1935	727,462	178,122	195,668	4,301,651	7,999,403	1,724,406	3,570,398	85,202	87,390	44,585	18,811,287
1936	781,883	367,474	141,498	4,439,859	8,048,873	1,606,329	3,598,172	127,098	4,275	39,496	19,154,957
1937	725,560	378,726	176,737	3,564,769	8,680,115	1,395,236	3,406,363	52,506	13,648	9,714	18,403,374
1938	783,486	372,549	175,948	3,162,859	7,699,347	1,316,707	3,039,160 a	28,581	3,570	3,257	16,585,464
1939	821,611	318,779	185,320	3,225,238	8,234,943	1,483,189	2,888,408 b	21,382	43,656	2,735	17,225,261
1940	789,147	322,265	176,868	3,288,238	7,959,512	1,328,685	3,067,419 c	24,683	20,590	2,414	16,979,821
1941	846,859	274,325	129,826	3,063,605	8,586,535	1,479,290	3,260,577 d	27,035	5,708	2,544	17,676,304
1942	1,021,633	349,214	21,313	3,462,164	10,163,813	1,535,344	3,972,274 e	21,884	8,066	9,432	20,565,137
1943	1,156,102	351,130	37,310	3,571,795	9,902,178	1,680,211	4,659,538 f	39,286	5,054	*	22,809,700
1944	1,446,126	500,067	46,488	3,703,717	10,246,301	1,681,792	5,125,620 g	59,589	16,225	*	20,229,484
1945	1,213,929	522,380	50,878	3,075,875	9,007,593	1,515,281	4,783,602 h	53,892	5,202	*	21,447,939
1946	1,203,296	506,786	22,220	3,308,524	9,599,152	1,572,477	5,179,903	39,356	7,704	*	22,392,531
1947	1,320,100	626,568	2,873	3,382,378	9,602,447	1,790,633	5,639,097	23,233	16,320	*	21,534,064
1948	1,259,080	319,830	12,152	3,409,360	9,641,708	1,725,123	5,130,772 i	28,335	17,320	*	16,362,473
1949	870,672	511,400	9,553	2,618,620	6,578,335	1,405,854	4,339,959 j	12,760	30,131	*	17,600,000
1950	823,173	526,441	24,361	2,511,870	6,642,519	1,961,803	5,035,437 k	14,265	2,250	-	13,715,000
1951	736,600	369,305	27,540	2,420,001	6,110,011	1,693,285	4,340,356 m	13,652	-	-	13,995,768
1952	699,734	301,122	10,857	2,011,500	5,989,000	1,449,720	3,790,865 n	12,970	-	-	10,169,884
1953	502,738	211,212	9,945	1,397,249	4,483,055	888,576	2,676,234 o	8,875	-	-	7,691,416
1954	367,751	164,373	15,110	839,153	3,085,312	948,934	2,264,934	5,849	-	-	6,709,836
1955 #	377,622	152,351	31,643	842,613	3,015,005	519,882	1,768,767 p	1,953	-	-	7,305,590
1956	414,199	202,062	45,290	983,114	2,982,331	666,321	2,009,587 q	2,142	-	544	6,185,180
1957	267,133	213,100	39,381	825,397	2,364,390	670,183	1,803,776 r	1,820	600	3,618	4,157,984
1958	146,841	181,801	32,798	555,718	1,812,300	558,029	1,574,124 s	4,286	-	536	3,638,309
1959	88,229	142,597	32,264	602,415	1,370,903	535,469	1,382,621 t	2,950	340	900	3,321,787
1960	77,790	77,423	33,350	531,703	1,274,306	486,175	1,151,822 u	4,176	368	246	2,992,342
1961	79,052	69,179	32,200	438,525	1,139,925	408,027	1,149,644 v	2,159	-	2,576	3,090,999
1962	79,582	64,902	33,008	299,472	997,943	390,864	1,123,798 w	1,730	-	310	2,930,607
1963	102,359	55,766	38,158	259,189	1,098,611	432,184	1,100,426 x	1,624	660	360	2,256,834
1964	68,057	104,052	37,552	250,347	1,057,471	408,207	1,002,987 y	2,693	106	30	1,828,158
1965	35,696	61,212	27,274	166,990	852,831	297,408	811,710 z	2,221	188	-	1,707,856
1966	43,001	37,488	21,965	107,826	729,437	233,234	652,550 aa	3,749	168	-	1,499,602
1967	45,337	64,373	17,150	96,979	675,177	193,816	611,087 bb	4,850	132	-	1,374,906
1968	52,421	39,626	15,786	100,916	520,398	172,550	593,675	8,910	-	-	1,408,205
1969	61,244	43,544	15,673	85,247	452,572	153,040	556,604	7,812	68	-	1,261,942
1970	63,872	33,242	14,232	87,360	464,678	150,070	585,841	3,888	-	-	950,800
1971	63,872	33,242	14,232	87,360	464,678	150,070	585,841	3,888	-	-	946,112
1972	68,115	32,540	13,339	81,681	367,071	134,501	556,815	3,501	-	-	
1973	26,077	18,023	8,639	68,925	310,811	104,372	410,065	3,501	-	-	
	10,390	3,359	9,023	66,728	319,692	99,791	433,118		-	-	

Man-Days

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	278	225	277	276	270	273	271	121	298	295	271
1930	175	147	184	212	213	265	196	66	115	159	210
1931	176	178	198	185	175	185	185	66	183	198	180
1932	139	161	167	169	154	181	164	96	57	106	160
1933	134	156	191	209	170	211	167	75	192	127	179
1934	174	218	221	235	192	240	195	174	269	270	206
1935	147	135	193	206	181	222	181	143	217	198	187
1936	142	215	159	224	181	213	188	208	171	181	193
1937	169	202	209	186	190	186	180	123	86	141	186
1938	166	191	192	178	168	176	168	103	85	163	171
1939	175	164	205	180	190	194	175	100	186	144	185
1940	180	194	204	195	183	180	191	132	142	142	187
1941	190	184	221	205	196	217	196	188	154	159	199
1942	230	235	39	241	259	236	234	210	212	219	246
1943	267	267	287	273	277	259	258	239	234	*	269
1944	293	292	312	300	304	262	274	282	*	*	292
1945	265	267	261	270	274	258	250	260	174	*	265
1946	262	234	74	275	278	257	251	217	272	*	266
1947	269	270	139	272	283	269	277	183	255	-	277
1948	272	163	199	279	281	265	250	202	188	-	268
1949	197	291	115	224	188	234	250	123	260	-	207
1950	220	280	195	235	205	280	216	140	280	-	220
1951	193	227	180	250	222	240	241	192	250	-	233
1952	213	222	224	240	238	210	215	206	-	-	211
1953	168	163	140	164	187	178	177	146	-	-	179
1954	148	172	210	119	179	232	178	55	-	-	172
1955	172	136	156	171	209	119	175	97	-	-	179
1956	198	183	216	223	210	210	205	306	-	68	209
1957	141	186	206	192	190	207	189	260	-	-	189
1958	175	171	196	161	188	185	185	171	200	201	182
1959	144	167	155	186	163	187	175	134	-	134	172
1960	102	133	160	181	212	173	166	214	85	90	180
1961	227	166	160	202	222	242	192	261	121	116	196
1962	235	168	148	197	219	185	203	166	184	41	204
1963	264	152	204	209	237	217	200	133	-	184	216
1964	204	190	200	214	233	210	208	85	-	62	216
1965	187	188	171	168	223	180	186	158	220	120	191
1966	186	237	188	118	213	178	190	148	81	10	190
1967	202	268	191	204	224	224	211	250	37	-	218
1968	265	146	205	240	220	225	225	186	78	-	224
1969	216	283	195	207	218	190	214	186	16	-	213
1970	214	222	200	236	228	205	226	247	-	-	224
1971	238	281	222	253	204	204	220	217	34	-	217
1972	174	190	184	243	222	212	212	195	-	-	215
1973	236	140	180	266	238	211	235	167	85	-	233

Aver-  
age  
Days  
Worked

YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYIKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	11	11	7	125	193	38	110	-	1	-	496
1930	11	-	5	108	164	29	123	-	1	3	444
1931	6	4	4	116	151	32	67	1	-	3	384
1932	3	1	8	59	116	13	42	-	-	1	243
1933	3	-	1	59	110	14	43	2	-	-	232
1934	7	4	2	59	114	24	47	1	2	-	260
1935	4	3	7	50	123	16	61	3	-	-	267
1936	4	3	2	50	137	14	34	-	-	-	241
1937	5	-	2	35	102	15	38	1	-	1	212
1938	6	4	9	49	102	13	44	-	-	-	223
1939	7	5	5	46	108	13	27	-	1	-	210
1940	7	5	3	35	93	10	33	-	-	-	182
1941	8	2	3	37	98	7	35	-	-	-	189
1942	4	6	-	35	128	16	36	-	-	-	225
1943	7	5	-	36	103	13	54	-	-	-	218
1944	12	4	-	37	70	15	32	-	-	-	171
1945	6	6	1	27	53	13	32	1	-	-	138
1946	6	6	-	27	79	12	38	1	-	-	169
1947	4	5	-	25	104	13	15	-	-	-	166
1948	5	3	-	19	65	5	34	-	-	-	131
1949	3	1	-	8	60	2	18	-	-	-	92
1950	4	2	-	8	52	9	11	-	-	-	86
1951	4	3	-	13	44	8	22	-	-	-	94
1952	8	5	-	10	37	10	22	-	-	-	92
1953	3	1	-	7	30	3	15	-	-	-	59
1954	1	2	-	7	27	2	8	-	-	-	47
1955	5	-	-	5	32	6	12	-	-	-	60
1956	4	4	-	7	23	6	14	-	-	-	54
1957	3	1	-	7	20	6	10	-	-	-	51
1958	-	1	1	2	15	4	9	-	-	-	31
1959	1	2	-	6	24	4	9	-	-	-	46
1960	1	1	-	11	14	3	5	-	-	-	35
1961	1	-	-	1	10	3	4	-	-	-	19
1962	-	-	-	-	11	1	14	-	-	-	26
1963	1	1	-	-	12	4	9	-	-	-	30
1964	-	-	-	3	7	8	8	-	-	-	24
1965	-	2	1	1	2	1	2	-	-	-	8
1966	-	-	-	-	2	-	3	-	-	-	5
1967	-	-	-	-	4	2	3	-	-	-	9
1968	-	-	-	2	4	-	3	-	-	-	4
1969	-	-	-	-	4	1	8	-	-	-	13
1970	-	-	-	-	4	-	3	-	-	-	4
1971	-	-	-	-	1	-	1	-	-	-	2
1972	-	-	-	-	-	1	2	-	-	-	3
1973	-	-	-	-	1	-	-	-	-	-	1

Fatal-  
ities

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YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYLKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	211,347	94,975	159,007	163,139	179,851	189,672	174,893	-	655,000	-	175,963
1930	159,467	-	173,473	141,786	167,415	232,734	127,425	-	91,296	40,994	154,902
1931	311,347	216,356	189,069	110,074	157,395	179,024	192,922	75,542	-	52,502	153,946
1932	607,304	497,966	84,135	108,801	166,621	369,938	249,515	-	-	124,196	203,710
1933	536,803	-	652,057	187,972	180,559	364,479	238,419	63,051	-	-	213,395
1934	293,953	229,380	315,918	210,861	188,056	240,296	274,722	189,070	89,618	-	218,458
1935	425,755	274,934	78,495	208,745	171,213	341,830	176,426	59,711	-	-	192,356
1936	468,449	-	200,379	223,094	155,584	372,014	362,748	-	-	-	225,162
1937	415,280	208,507	53,823	260,500	220,462	306,947	301,620	99,879	-	102,858	243,869
1938	324,629	289,478	85,174	172,241	199,664	314,676	222,441	-	-	-	207,487
1939	359,165	192,869	158,987	199,969	216,460	370,403	366,138	-	-	-	244,761
1940	362,558	513,813	168,519	264,556	213,785	449,946	340,672	-	124,791	-	283,112
1941	300,218	533,736	172,773	242,536	218,127	704,868	337,776	-	-	-	285,408
1942	699,200	166,354	-	266,983	201,307	330,995	375,568	-	-	-	257,509
1943	450,120	172,203	-	254,157	233,812	420,242	322,150	-	-	-	277,577
1944	303,740	286,985	299,349	254,796	354,429	382,896	588,581	-	-	-	374,927
1945	557,543	186,871	-	299,371	397,609	284,697	522,853	-	-	-	405,081
1946	527,701	242,959	-	335,494	288,236	528,566	495,037	187,007	-	-	366,738
1947	733,452	301,577	-	341,527	211,452	521,504	1,083,979	105,862	-	-	350,771
1948	560,379	559,832	-	453,204	332,182	1,387,468	508,104	-	-	-	451,212
1949	708,894	1,380,732	-	777,718	266,497	2,600,245	752,121	-	-	-	485,980
1950	497,079	640,904	-	815,808	329,091	579,034	1,278,772	-	-	-	538,829
1951	473,509	328,392	-	444,293	338,237	718,746	591,867	-	-	-	450,947
1952	237,412	152,130	-	530,355	372,296	532,615	589,890	-	-	-	435,512
1953	520,612	745,649	-	507,949	340,064	1,415,854	676,192	-	-	-	516,871
1954	1,272,419	284,366	-	414,781	395,377	1,641,657	979,584	-	-	-	566,219
1955	349,938	-	-	518,986	310,040	458,231	671,472	-	-	-	432,247
1956	436,572	-	-	461,795	424,468	587,476	628,672	-	-	-	521,771
1957	369,014	212,620	195,499	382,916	419,463	569,269	851,832	-	-	-	493,401
1958	-	888,009	-	1,047,085	451,602	650,208	811,982	-	-	-	659,886
1959	518,252	346,112	-	357,971	257,197	637,901	1,061,726	-	-	-	427,622
1960	519,583	474,234	-	168,455	384,335	804,866	1,386,229	-	-	-	506,318
1961	579,106	-	-	1,194,971	530,795	668,093	1,703,547	-	-	-	868,769
1962	-	-	-	-	533,688	1,702,891	469,279	-	-	-	634,474
1963	727,455	445,749	-	321,491	534,365	520,742	720,548	-	-	-	580,373
1964	-	208,136	196,495	879,898	807,129	283,385	747,312	-	-	-	688,529
1965	-	-	-	-	2,673,338	1,500,886	2,747,459	-	-	-	1,788,727
1966	-	-	-	-	2,239,108	-	1,541,344	-	-	-	2,406,275
1967	-	-	-	-	1,048,071	-	1,419,764	-	-	-	1,283,605
1968	-	-	-	-	1,738,032	708,710	-	-	-	-	2,756,370
1969	-	-	-	279,229	840,244	1,309,666	516,748	-	-	-	781,985
1970	-	-	-	-	2,719,940	-	1,347,778	-	-	-	2,312,002
1971	-	-	-	-	-	894,462	3,569,335	-	-	-	4,093,980
1972	-	-	-	-	2,022,194	-	1,393,299	-	-	-	2,154,031
1973	-	-	-	-	1,960,574	-	-	-	-	-	6,293,013

Pro-  
duc-  
tion  
Per  
Fatal



YEAR	CARBON	COLUMBIA	DAUPHIN	LACKAWANNA	LUZERNE	NORTHUMB.	SCHUYIKILL	SULLIVAN	SUSQUE.	WAYNE	DIVISION
1924	8.30	22.05	12.36	12.65	11.29	9.63	10.77	-	2.85	-	11.26
1930	14.89	-	13.45	14.05	12.62	9.63	18.97	-	18.96	69.03	14.02
1931	8.21	17.38	11.46	18.45	14.58	15.23	14.11	26.04	-	44.35	15.39
1932	5.58	6.25	28.96	11.77	15.02	7.13	11.94	-	-	32.02	12.67
1933	6.58	-	4.10	13.22	14.59	8.32	11.94	36.95	-	-	12.68
1934	9.25	19.34	8.05	10.96	12.68	12.25	11.47	11.25	37.17	-	11.90
1935	5.50	16.84	35.77	11.62	15.57	9.28	17.08	35.21	-	-	14.19
1936	5.12	-	14.13	11.26	17.02	8.71	9.45	-	-	-	12.58
1937	6.89	15.84	50.92	9.82	11.75	10.75	11.16	19.04	-	102.94	11.52
1938	7.66	10.74	28.42	15.49	13.25	9.87	14.48	-	-	-	13.45
1939	8.52	15.68	16.19	11.26	13.11	8.76	9.35	-	22.91	-	12.19
1940	7.60	6.21	16.96	10.64	11.68	7.53	10.76	-	-	-	10.72
1941	9.45	7.29	15.41	12.08	11.41	4.73	10.73	-	-	-	10.69
1942	3.92	17.18	-	10.11	12.59	10.42	9.06	-	-	-	10.94
1943	6.05	14.24	-	10.08	10.40	7.74	11.59	-	-	-	10.19
1944	8.30	8.00	21.51	9.99	8.83	8.92	6.24	-	-	-	7.50
1945	4.94	11.49	-	8.78	5.88	8.57	6.69	18.56	-	-	6.82
1946	4.99	11.84	-	8.16	8.23	7.63	7.34	25.41	-	-	7.88
1947	3.03	7.98	-	7.39	10.83	7.26	2.66	-	-	-	7.41
1948	3.97	9.38	-	5.57	6.74	2.90	6.63	-	-	-	6.08
1949	3.45	1.96	-	3.06	9.12	1.42	4.15	-	-	-	5.62
1950	4.86	3.80	-	3.15	7.83	4.59	2.18	-	-	-	4.89
1951	5.42	8.12	-	5.37	7.20	4.72	5.07	-	-	-	5.98
1952	11.43	16.60	-	4.90	6.18	8.70	5.60	-	-	-	6.57
1953	5.97	4.73	-	5.01	6.69	3.41	5.60	-	-	-	5.80
1954	2.72	1.22	-	8.34	8.75	2.11	3.53	-	-	-	6.11
1955	13.24	-	-	5.93	10.61	11.54	6.78	-	-	-	8.94
1956	9.66	-	-	7.12	7.71	9.00	6.07	-	-	-	7.39
1957	11.23	18.77	25.39	8.48	8.46	8.94	5.54	-	-	-	8.25
1958	-	5.50	-	3.60	8.28	7.17	5.72	-	-	-	6.37
1959	11.33	14.03	-	9.96	17.51	7.47	6.51	-	-	-	11.06
1960	12.86	12.92	-	20.68	10.99	6.17	4.34	-	-	-	9.62
1961	12.65	-	-	2.28	8.77	7.35	3.47	-	-	-	5.72
1962	-	-	-	-	11.02	2.56	12.46	-	-	-	8.69
1963	9.77	17.93	-	11.57	10.92	9.26	8.18	-	-	-	9.71
1964	-	-	-	3.99	6.62	19.60	7.98	-	-	-	8.19
1965	-	32.67	36.66	-	2.35	3.36	2.46	-	-	-	3.54
1966	-	-	-	-	2.74	-	4.60	-	-	-	2.73
1967	-	-	-	-	5.92	10.13	4.91	-	-	-	5.26
1968	-	-	-	19.82	3.84	6.53	-	-	-	-	2.67
1969	-	-	-	-	8.84	-	14.32	-	-	-	9.46
1970	-	-	-	-	2.15	-	5.12	-	-	-	2.84
1971	-	-	-	-	8.03	-	1.80	-	-	-	1.58
1972	-	-	-	-	3.22	-	4.88	-	-	-	3.16
1973	-	-	-	-	3.13	-	-	-	-	-	1.06

Fatal-  
ities  
Per  
Million  
Man-  
Days

#

EXPLANATION OF SYMBOLS USED IN THIS REPORT

	a - Includes	6,184 tons	13 employees,	124 days and	1,612 man-days for	Lebanon County
b -	"	13,927	" 5	198 "	" 990	" "
c -	"	17,330	" 13	136 "	" 1,773	" "
d -	"	30,716	" 26	187 "	" 4,856	" "
e -	"	35,641	" 39	118 "	" 4,593	" "
f -	"	21,981	" 22	257 "	" 5,654	" "
g -	"	21,550	" 14	210 "	" 2,940	" "
h -	"	37,690	" 41	241 "	" 9,881	" "
i -	"	21,982	" 6	223 "	" 1,338	" "
j -	"	21,763	" 7	226 "	" 1,582	" "
k -	"	22,978	" 5	267 "	" 1,335	" "
m -	"	26,657	" 13	308 "	" 2,020	" "
n -	"	24,767	" 11	286 "	" 2,156	" "
o -	"	6,560	" 10	46 "	" 460	" "
p -	"	3,752	" 20	120 "	" 2,480	" "
q -	"	6,359	" 22	107 "	" 2,358	" "
r -	"	3,550	" 5	188 "	" 940	" "
s -	"	9,106	" 6	98 "	" 588	" "
t -	"	4,450	" 6	153 "	" 910	" "
u -	"	2,770	" 3	230 "	" 690	" "
v -	"	13,654	" 5	72 "	" 360	" "
w -	"	13,101	" 7	118 "	" 824	" "
x -	"	26,192	" 15	192 "	" 2,893	" "
y -	"	33,019	" 14	124 "	" 1,737	" "
z -	"	43,000	" 10	163 "	" 1,630	" "
aa -	"	39,237	" 9	70 "	" 634	" "
bb -	"	2,700	" 5	18 "	" 90	" "

NOTE: The year 1924 was selected as a normal year, in order that comparison might be made with the depression years that are a part of this report.

\* Not segregated from Lackawanna County.

# In 1955, and subsequent years, the production, employees, fatalities, etc., of deep mines employing fewer than five (5) persons inside are included in the County totals.

ANTHRACITE REGION  
PRODUCTION OF COAL, EMPLOYES, AND FATALITIES BY COUNTY

1973

County	Employees by County							Non-				
	Deep Mined Production	Bank Mined Production	Stripping Production	Total Production	Deep	Bank	Strip	Breaker and Washery	Total Empl- oyes	Fatal Acci- dents	fatal Acci- dents	Production Per Fatal
Carbon	-	39,568	58,596	98,164	-	5	39	-	44	-	4	-
Columbia	8,398	-	2,167	10,565	22	-	2	-	24	-	1	-
Dauphin	14,149	22,503	-	36,652	18	6	-	26	50	-	1	-
Lackawanna	-	42,750	171,710	214,460	-	6	175	70	251	-	41	-
Luzerne	166,888	510,408	1,283,283	1,960,579	230	78	562	473	1,343	1	104	1,960,579
Northumberland	65,915	475,151	414,296	955,362	70	28	190	184	472	-	37	-
Schuylkill	447,493	1,211,258	1,316,723	2,975,474	396	201	655	590	1,842	-	182	-
Sullivan	-	-	38,130	38,130	-	-	10	11	21	-	-	-
Susquehanna	-	3,627	-	3,627	-	3	-	3	6	-	-	-
REGION TOTAL	702,843	2,305,265	3,284,905	6,293,013	736	327	1,633	1,357	4,053	1	370	6,293,013

SUMMARY OF ANTHRACITE MINES, PRODUCTION AND FATALITIES BY DISTRICT

District	Inspector	Total Number of Operators	1973										Breaker and Washery Empl- oyes	Total Number of Empl- oyes	Production					No. of Fatal Acci- dents
			Number of Deep Mines	Number of Bank Mines	Number of Strip Mines	Number of Breaker and Washery Plants	Number of Operations	Number of Gaseous Mines	Number of Non- Gaseous Mines	Deep Empl- oyes	Bank Empl- oyes	Strip Empl- oyes			Deep Mined Production	Bank Mined Production	Strip Mined Production	Total Production		
1	W. A. Sanders	8	-	-	23	-	23	-	-	-	-	474	-	-	687,020	687,020	-	54		
2	A. J. Latz	8	-	-	27	-	27	-	-	-	-	477	-	-	1,123,984	1,123,984	-	36		
3	J. R. Ruane	14	-	-	34	-	34	-	-	-	-	353	-	-	594,348	594,348	-	27		
4	W. D. Maurer	14	-	-	29	-	29	-	-	-	-	329	-	-	879,553	879,553	-	27		
5	A. A. Joyce	23	3	10	-	26	39	3	-	230	51	-	166,888	162,762	-	329,650	-	60		
6	L. W. Rogers	19	5	15	-	12	32	3	2	22	84	-	23,937	612,314	-	636,251	-	18		
7	C. E. Kashner	29	16*	2	-	13	31	4	12	70	8	-	32,036	232,941	-	264,977	-	5		
8	Leon Brass	12	7	4	-	4	15	1	6	35	9	-	38,093	235,068	-	273,161	-	16		
9	L. W. Rogers, Acting	24	8	21	-	21	50	-	8	29	132	-	17,989	676,865	-	694,854	-	98		
10	J. J. Halaburda	30	19	5	-	9	33	3	16	87	21	-	79,946	186,324	-	266,270	-	5		
11	A. E. Hand	15	11	3	-	4	18	5	6	95	16	-	123,940	176,488	-	300,428	-	19		
12	C. E. Miller	25	18	2	-	6	26	5	13	168	6	-	220,014	22,503	-	242,517	-	5		
REGION TOTAL		221#	87	62	113#	95	357	24	63	736	327	1,633	702,843	2,305,265	3,284,905	6,293,013	1 6,293,013	370		

NOTE: \* One deep mine is a tourist attraction.

# Due to some Companies operating in more than 1 district, the actual total number of Anthracite Operators is 181, including 41 Companies operating strip mines.

ANTHRACITE REGION

Production, How Shipped, Average Days Worked, Employees, Explosives  
Fatal and Non-fatal Accidents

By Inspection District - 1973

Dis- trict	Production - Net Tons				Total Production	EXPLOSIVES			Days Worked	Employees	Fatal Accidents	Non- Fatal Accidents
	Shipped By Railroad	By Truck	Sold to local trade	Used at colliery for steam and heat		Dynamite (Pounds Used)	Other Permissible (Pounds used)					
1	188,631	257,473	239,910	1,006	687,020	120,195	6,911,641	254	474	-	54	
2	631,701	407,397	82,215	2,671	1,123,984	449,250	13,212,523	296	477	-	36	
3	191,270	350,777	51,679	622	594,348	175,092	3,630,412	238	353	-	27	
4	459,497	222,750	195,323	1,983	879,553	599,125	5,825,961	213	329	-	27	
5	87,083	171,598	69,101	1,868	329,650	10,690	169,250	210	627	1	60	
6	246,840	361,065	28,329	17	636,251	8,320	-	185	365	-	18	
7	231,775	18,231	14,971	-	264,977	-	10,085	233	182	-	5	
8	41,297	211,541	20,323	-	273,161	650	32,725	205	118	-	16	
9	334,058	302,729	57,794	273	694,854	4,285	600	227	542	-	98	
10	52,125	182,032	31,349	764	266,270	80,325	6,000	209	177	-	5	
11	80,491	190,315	28,703	919	300,428	39,525	59,500	258	189	-	19	
12	54,436	128,664	58,167	1,250	242,517	147,200	22,250	251	220	-	5	
TOTAL	2,599,204	2,804,572	877,864	11,373	6,293,013	1,634,657	29,880,947	233	4,053	1	370	



ANTHRACITE REGION  
SUMMARY OF EMPLOYES BY DISTRICT  
1973

Dist- rict	INSIDE EMPLOYES					OUTSIDE EMPLOYES					TOTAL	
	Foreman	Miners	Miners Laborers	All Other	Total Inside	Super- intendents	Office	Breaker	All Other	Total Outside	Inside	Outside
1	-	-	-	-	-	19	-	-	455	474	474	474
2	-	-	-	-	-	37	-	-	440	477	477	477
3	-	-	-	-	-	28	-	-	325	353	353	353
4	-	-	-	-	-	8	-	-	321	329	329	329
5	9	63	69	49	190	5	2	350	80	437	437	627
6	4	8	1	-	13	9	-	259	84	352	352	365
7	16	24	3	-	43	1	5	104	29	139	139	182
8	7	18	1	1	27	1	-	74	16	91	91	118
9	9	13	-	-	22	10	1	381	128	520	520	542
10	21	38	7	2	68	6	-	69	34	109	109	177
11	16	48	11	-	75	4	-	78	32	114	114	189
12	24	66	31	8	129	6	1	47	37	91	91	220
TOTAL	106	278	123	60	567	134	9	1,362	1,981	3,486	3,486	4,053

## OPERATORS PRODUCING 50,000 OR MORE TONS

1973

District	Operator	Production
3-4-7-8-9-10	Reading Anthracite Co.	757,759
2-6	Jeddo-Highland Coal Co.	572,808
1-5	Blue Coal Corporation	459,969
2-9	Greenwood Stripping Corporation	359,741
4-12	Kocher Coal Co., Inc., Leon E.	326,266
1-2-3-5-6-9	Lehigh Valley Anthracite, Inc.	324,390
9-11	Manbeck Dredging Co., Inc.	275,800
7-9	Gilberton Coal Co.	269,920
8-10	Hecla Machinery & Equipment Co.	246,221
6	United Gas Improvement Corporation	244,935
6-9	B-D Mining Co.	237,411
3-6	Kerris & Helfrick, Inc.	182,688
2	Beltrami Enterprises, Inc.	179,767
5	Glen-Nan, Inc.	164,153
4-9-10	Schuylkill Contracting Co.	147,029
1-5	Northwest Mining Co., Inc.	97,393
3-7-8	Split Vein Coal Co., Inc.	66,801
1	Raymond Colliery Co., Inc.	64,317
9	Schickram, William	59,845
3	Rosini Coal Co.	58,752

ANTHRACITE FATAL ACCIDENT VICTIMS--1973

District	Name of Victim	Victim's Address	Company	Name of Mine	Date of Accident	Cause of Accident
5	Michael Smetana	Glen Lyon	Glen Nan, Inc.	Forge Slope	November 9	Fall of Roof

PRODUCTION AND ACCIDENT RECORD  
FOR OPERATORS HAVING A FATALITY

1973									
Operator	Deep Mined	Bank Mined	Strip Mined	Total Production	Fatal Bank Strip	Accidents Total	Non-fatal Accidents	Production Per Fatal	Employees
Glen-Nan, Inc.	166,675	-	-	166,675	1	-	31	166,675	222
Total Production for Operators with a fatality	166,675	-	-	166,675	1	-	31	166,675	222
Total Production for Operators without a fatality	536,168	2,305,265	3,284,905	6,126,338	-	-	339	6,126,338	3,831
REGION TOTAL	702,843	2,305,265	3,284,905	6,293,013	1	-	370	6,293,013	4,053

CAUSES OF FATAL ACCIDENTS BY COUNTY--1973

	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Total	Percent of Total Accidents
Fall of Roof	-	-	-	-	1	-	-	-	1	100.00%
Total	-	-	-	-	1	-	-	-	1	100.00%
Percent of total Accidents	-	-	-	-	100.00%	-	-	-	100.00%	

ANTHRACITE  
ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED

1847-- 1973

Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1847	Feb.	Spencer	Spencer Coal Co.	Pottsville	Explosion of gas	7
1869	Sep. 6	Avondale	Delaware, Lackawanna & Western Railroad Co.	Plymouth	Mine fire	110
1870	Mar. 22	Potts	Locust Dale Coal Co.	Locust Dale	Boiler Explosion	5
	Aug. 10	Heins & Glassmire	Heins & Glassmire	Middleport	Cage fell down shaft	9
	Aug. 29	Preston #3	Preston Coal & Improvement Co.	Girardville	Car fell down slope	7
1871	May 27	West Pittston	Lehigh Valley Railroad Co.	West Pittston	Suffocated by smoke from burning breaker	20
	Oct. 2	Otto Red Ash	Cain, Hacker & Cook	Branch Dale	Explosion of gas	5
1873	June 10	Henry Clay	Langdon & Co., R.	Shamokin	Explosion of gas	10
1877	May 9	Wadesville	Wadesville Shaft Colliery	Wadesville	Explosion of gas	7
1878	Jan. 15	Potts	Philadelphia & Reading Coal & Iron Co.	Locust Dale	Explosion of gas	5
1879	May 6	Audenried	Lehigh & Wilkes-Barre Coal Co.	Audenried	Explosion of gas	6
	Nov. 2	Mill Creek	D. & H. Canal Co.	Mill Creek	Explosion of gas	5
1880	May 3	Lykens Valley	Short Mountain & Lehigh Valley Coal Co.	Shamokin	Explosion of gas	5
1882	May 24	Kohinoor	Heckscher & Co., R.	Shenandoah	Explosion of gas	5
1884	Aug. 21	Buck Ridge	Philadelphia & Reading Coal & Iron Co.	Shamokin	Explosion of gas	5
1885	Apr. 6	Cuyler	Heaton & Co., S. M.	Shamokin	Mine fire	7
	Aug. 11	West End	West End Coal Co.	Raven Run	Fall of roof	10
				Mocanaqua	Suffocated by gas from boiler fire	10
	Oct. 21	Plymouth No. 2	D. & H. Coal Co.	Plymouth	Explosion of gas	6
	Dec. 18	Nanticoke No. 1	Susquehanna Coal Co.	Nanticoke	Inrush of quicksand	26
1886	Aug. 30	Fair Lawn	Fair Lawn Coal Co.	Scranton	Explosion of gas	6
	Sep. 13	Marvine	D. & H. Coal Co.	Scranton	Suffocated by gas	8
	Nov. 26	Corryingham	D. & H. Coal Co.	Wilkes-Barre	Explosion of gas	12
1887	Apr. 27	Tunnel	Philadelphia & Reading Coal & Iron Co.	Ashland	Suffocated by gas	5
	Oct. 1	Bast	L. C. & N. Co.	Big Mine Run	Suffocated by gas	5
1889	May 9	Kaska, William	Lehigh & Wilkes-Barre Coal Co.	Middleport	Explosion of gas	10
1890	Feb. 1	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	8
	Mar. 3	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	8
	Apr. 2	Susquehanna No. 4	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5
	May 15	Jersey No. 8	Lehigh & Wilkes-Barre Coal Co.	Ashley	Explosion of gas	26
1891	Feb. 4	Spring Mountain No. 1	Spring Mountain Coal Co.	Jeanesville	Drowned-water from old workings	13
	Oct. 23	Richardson	Philadelphia & Reading Coal & Iron Co.	Glen Carbon	Suffocated by gas	7
	Nov. 8	Susquehanna No. 1	Philadelphia & Reading Coal & Iron Co.	Nanticoke	Explosion of gas	12
1892	Apr. 20	Lytle	Lytle Coal Co.	Minersville	Drowned-water from old workings	10
	July 23	York Farm	Lehigh Valley Coal Co.	Pottsville	Explosion of gas	15
1893	Apr. 1	Neilson	Langdon & Co., Inc., A. L.	Shamokin	Mine fire	10
	July 22	Susquehanna No. 1	Susquehanna Coal Co.	Nanticoke	Explosion of gas	5



## ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847-1973

Year	Date	Colliery	Company	Location of Colliery	Cause of Accident	Number Killed
1893	Sep. 21	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	6
1894	Feb. 13	Gaylord	Kingston Coal Co.	Plymouth	Fall of roof	13
	July 17	East Sugar Loaf	Kinderman & Skeer	Stockton	Explosion of powder & dynamite	8
	Oct. 8	Luke Fidler	Mineral Railroad & Mining Co.	Shamokin	Mine fire	5
1895	Oct. 11	Henry Clay	Philadelphia & Reading Coal & Iron Co.	Shamokin	Boiler explosion	6
	Feb. 18	West Bear Ridge	Philadelphia & Reading Coal & Iron Co.	Mahanoy Plane	Explosion of gas	5
	Oct. 7	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	7
1896	June 28	Twin	Newton Coal Co.	Pittston	Fall of roof	58
	Oct. 29	S. Wilkes-Barre No. 3	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
1897	Jan. 13	Wadesville	Philadelphia & Reading Coal & Iron Co.	Wadesville	Crosshead fell down shaft	5
	Sep. 28	Jermyn No. 1	Jermyn & Co.	Rendham	Mine fire	5
1898	Oct. 30	Von Storch	D. & H. Coal Co.	Scranton	Mine fire	6
	May 26	Kaska, William	Dodson Coal Co.	Middleport	Drowned-water from old workings	6
	Oct. 1	Midvale	Lehigh Valley Coal Co.	Wilkes-Barre	Mine fire	5
	Nov. 5	Exeter	Lehigh Valley Coal Co.	West Pittston	Car fell on cage in shaft	9
1900	Nov. 9	Buck Mountain	Lehigh Valley Coal Co.	Mahanoy City	Explosion of gas	7
1901	Oct. 25	Buttonwood	Mill Creek Coal Co.	Plymouth	Explosion of gas	6
1902	Nov. 29	Luke Fidler	Parrish Coal Co.	Shamokin	Explosion of gas	7
	Dec. 9	S. Wilkes-Barre	Mineral Railroad & Mining Co.	Wilkes-Barre	Explosion of powder & dynamite	5
1904	Jan. 30	Maple Hill	Philadelphia & Reading Coal & Iron Co.	Mahanoy City	Explosion of powder & dynamite	5
	May 5	Lance	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of powder & dynamite	5
	May 5	Locust Gap	Philadelphia & Reading Coal & Iron Co.	Locust Gap	Mine fire	5
	May 25	Williamstown	Summit Branch Mining Co.	Williamstown	Suffocated by gas from mine locomotive	10
1905	Nov. 2	Auchincloss	Delaware, Lackawanna & Western Railroad Co.	Nanticoke	Falling down shaft	10
	Feb. 18	Iytle	Lytle Coal Co.	Minersville	Fall of roof	5
	Mar. 9	Clear Spring	Clear Spring Coal Co.	West Pittston	Falling down shaft	7
1906	Apr. 26	Coryngham	D. & H. Coal Co.	Wilkes-Barre	Falling down shaft	10
	May 15	Shenandoah City	Philadelphia & Reading Coal & Iron Co.	Shenandoah	Explosion of powder & dynamite	7
	Aug. 6	Susquehanna No. 7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	6
1907	Mar. 2	Holden	Delaware, Lackawanna & Western Railroad Co.	Taylor	Explosion of gas	7
1908	June 18	Johnson No. 1	Scranton Coal Co.	Priceburg	Explosion of gas	7
	May 12	Mount Lookout	Temple Iron Co.	Wyoming	Explosion of gas	12
	May 13	Prospect	Lehigh Valley Coal Co.	Midvale	Fall of roof	5
	July 15	Williamstown	Summit Branch Mining Co.	Williamstown	Explosion of powder & dynamite	6
1909	Aug. 28	Warrior Run	Lehigh Valley Coal Co.	Wilkes-Barre	Mine cars	6
	Mar. 2	Pennsylvania No. 14	Pennsylvania Coal Co.	Pittston	Explosion of gas	8
	Nov. 9	Auchincloss	Glen Alden Coal Co.	Nanticoke	Mine fire	9
1910	Jan. 11	Nottingham	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
	Mar. 12	S. Wilkes-Barre No. 5	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	7
1911	Apr. 7	Pancoast	Price-Pancoast Coal Co.	Throop	Mine fire	72
	May 10	Plymouth No. 5	Delaware & Hudson Co.	Dorranctown	Suffocated by gas from under ground fire	5
	May 27	Cameron	Mineral Railroad & Mining Co.	Shamokin	Explosion of gas	5



ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED, 1847 - 1973

Year	Date	Colliery	Company	Location	Cause of Accident	Number Killed
1911	Sep. 12	Marvine	Delaware & Hudson Co.	Scranton	Mine cars	5
	Oct. 3	Drifton No. 2	Coxe Bros. Co., Inc.	Freeland	Cave-in	5
1912	Jan. 9	Parrish	Parrish Coal Co.	Plymouth	Explosion of gas	6
1913	Aug. 2	East Brookside	Philadelphia & Reading Coal & Iron Co.	Tower City	Explosion of gas	20
1914	May 29	Maryd	Maryd Coal Co.	Maryd	Overwinding of cage	6
	Sep. 16	Lehigh No. 4	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	7
	Dec. 9	Diamond	Delaware, Lackawanna & Western Railroad Co.	Scranton	Falling down shaft	13
1915	Feb. 17	Prospect	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	13
1916	Feb. 8	Lance No. 11	Lehigh & Wilkes-Barre Coal Co.	Plymouth	Explosion of gas	7
	Mar. 9	Hollenback No. 2	Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	Explosion of gas	6
	Aug. 5	Woodward	Delaware, Lackawanna & Western Railroad Co.	Edwardsville	Explosion of gas	6
1919	June 5	Baltimore Tunnel	Hudson Coal Co.	Wilkes-Barre	Explosion of powder & dynamite	92
	July 8	Lansford	Lehigh Coal & Navigation Co.	Lansford	Explosion of gas	8
1921	Mar. 9	Rahn	Lehigh Coal & Navigation Co.	Seek	Explosion of gas	5
1922	Nov. 3	Eady Creek	Hudson Coal Co.	Scranton	Premature blast	6
1923	Feb. 21	Alliance	Alliance Coal Mining Co.	Middleport	Explosion of gas	5
	June 26	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
	Dec. 8	Mount Jessup No. 2	Mount Jessup Coal Co.	Jessup	Fall of roof	5
1924	June 6	Loomis	Glen Alden Coal Co.	Nanticoke	Explosion of gas	14
1925	May 22	Woodward	Glen Alden Coal Co.	Edwardsville	Explosion of gas	7
	Aug. 3	Dorrance	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	10
1926	May 6	Randolph	So. Penn Collieries Co.	Port Carbon	Explosion of gas	5
	July 3	Pettebone	Glen Alden Coal Co.	Kingston	Explosion of gas	7
	Oct. 30	Susquehanna No. 7	Susquehanna Collieries Co.	Nanticoke	Explosion of gas	9
1927	May 26	Woodward	Glen Alden Coal Co.	Edwardsville	Fall of roof, followed by an explosion of gas	7
1928	May 25	Baltimore No. 5	Hudson Coal Co.	Wilkes-Barre	Explosion of gas	10
1930	Aug. 8	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Fall of roof	8
1931	May 29	Richards	Susquehanna Collieries Co.	Mount Carmel	Explosion of gas	5
1935	Jan. 21	Gilberton	Philadelphia & Reading Coal & Iron Co.	Gilberton	Explosion of gas	13
	May 7	S. Wilkes-Barre	Glen Alden Coal Co.	Wilkes-Barre	Piece of rock fell down shaft, struck cage	7
1936	Aug. 24	Clear Spring	Sullivan Trail Coal Co.	West Pittstown	Explosion of gas	5
1938	Apr. 27	St. Clair	St. Clair Coal Co.	St. Clair	Explosion of gas	8
	June 2	Volpe	Volpe Mining Co.	Pittstown Twp.	Explosion of gas	10
1943	Sep. 24	Primrose	M. & S. Coal Co.	Minersville	Explosion of gas	14
1947	Jan. 15	Nottingham	Glen Alden Coal Co.	Wilkes-Barre	Explosion of gas	15
	Apr. 10	Schooley	Knox Coal Co.	Exeter Boro.	Explosion of gas	10
	Dec. 11	Franklin	Lehigh Valley Coal Co.	Wilkes-Barre	Explosion of gas	8
1951	Mar. 29	Buttonwood	Glen Alden Coal Co.	Wilkes-Barre	Explosion of gas	5
1952	Mar. 27	Holmes Slope	Cano & Martin, Inc.	Hanover Twp.	Explosion of gas	5
				Forrestville	Drown - blast blew through to old workings	5
1959	Jan. 22	Ewen	Knox Coal Co.	Port Griffith	Drown - river broke into mine	12

ANTHRACITE REGION  
COUNTY--DISTRICT CROSS REFERENCE LIST

1973

<u>County</u>	<u>Mine Inspection District</u>
Carbon	2, 9
Columbia	3, 6, 7
Dauphin	12
Lackawanna	1, 5
Luzerne	1, 2, 5, 6
Northumberland	3, 6, 7, 8
Schuylkill	2, 3, 4, 6, 7, 9, 10, 11, 12
Sullivan	1, 5
Susquehanna	5

# PRODUCTION TABLE



# District 1

Operators and Mines	County	Production - Net Tons				Used at Mine for Steam and Heat	Explosives		Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Sold to Local Trade	Dynamite Pounds Used		Other Per- missible (Name)					
		By Railroad	By Truck									
Bliss Brothers Coal Co. Strip Permit No. 35-4	Sullivan	-	31,880	270	6	2,000	90,000	32,156	256	5	-	-
Blue Coal Corporation												
Strip Permit No. 30- 6	Luzerne	6,390	8,481	6,767	9	-	113,116	21,647	298	24	-	1
Strip Permit No. 30-21	Luzerne	846	1,124	897	1	-	14,987	2,868	298	3	-	-
Strip Permit No. 30-23	Luzerne	559	742	592	1	-	9,897	1,894	298	2	-	-
Strip Permit No. 30-59	Luzerne	125	165	132	-	20	5,693	422	307	1	-	1
Strip Permit No. 30-81	Luzerne	6,556	8,703	6,945	9	1,095	299,678	22,213	307	8	-	-
Strip Permit No. 30-82	Luzerne	1,061	1,408	1,123	2	177	48,487	3,594	307	2	-	-
Strip Permit No. 30-83	Luzerne	32,868	43,626	34,812	46	5,490	1,502,264	111,352	307	42	-	2
Strip Permit No. 30-87	Luzerne	20,216	26,832	21,411	28	3,377	923,967	68,487	307	26	-	2
Strip Permit No. 30-88	Luzerne	51,847	68,814	54,912	72	8,662	2,369,651	175,645	307	67	-	4
Strip Permit No. 30-89	Luzerne	6,509	8,639	6,894	9	1,087	297,493	22,051	307	8	-	4
Strip Permit No. 30-90	Luzerne	3,158	4,191	3,344	4	-	61,000	10,697	290	18	-	2
Strip Permit No. 30-91	Luzerne	5,637	7,483	5,971	8	942	257,667	19,099	307	7	-	-
Total		135,772	180,208	143,800	189	20,850	5,903,900	459,969	208	208	-	16
Carbondale Coal Co.												
Mine Fire Permit No. 64-1 Lackawanna		-	-	-	-	-	-	-	281	6	-	-
Lehigh Valley Anthracite, Inc.												
Strip Permit No. 16- 2 Luzerne		2,866	2,923	4,026	486	1,160	72,300	10,301	58	48	-	1
Strip Permit No. 16-22 Luzerne		1,923	1,961	2,701	325	775	48,500	6,910	54	33	-	-
Total		4,789	4,884	6,727	811	1,935	120,800	17,211	81	81	-	1
Northwest Mining Co., Inc.												
Strip Permit No. 81- 6 Lackawanna		16,699	12,906	25,955	-	54,900	539,750	55,560	294	30	-	5
Strip Permit No. 81- 7 Lackawanna		180	233	185	-	820	5,380	598	227	5	-	-
Strip Permit No. 81- 8 Lackawanna		9,490	9,063	13,664	-	31,400	80,400	32,217	297	12	-	3
Strip Permit No. 81- 9 Lackawanna		2,562	3,114	3,342	-	7,850	30,100	9,018	270	10	-	4
Strip Permit No. 81-10 Lackawanna		-	-	-	-	-	-	-	5	1	-	-
Total		28,931	25,316	43,146	-	94,970	655,630	97,393	58	58	-	12
Pasternak Brothers												
Strip Permit No. 21-2(A-3) Lackawanna		-	-	10,000	-	400	60,000	10,000	300	3	-	-
Raymond Colliery Co., Inc.												
Strip Permit No. 14/9-1 Lackawanna		19,139	15,185	29,993	-	62,800	616,850	64,317	296	108	-	25
S.B.P. Coal Co.												
Strip Permit No. 14/7-4 Sullivan		-	-	5,974	-	400	17,000	5,974	175	5	-	-
District Total		188,631	257,473	239,910	1,006	183,355	7,464,180 *	687,020	254	474	-	54

\* Permissible - Ammonium Nitrate



District 2

Operators and Mines		Production - Net Tons			Explosives			Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market By	Sold to	Used at Mine for Steam and Heat	Dynamite Pounds Used	Other Per- missible (Name)	Total Production				
		Railroad	Truck	Local Trade							
Beltrami Enterprises, Inc.											
Strip Permit No. 816-1	Luzerne	36,977	18,262	-	-	3,564	55,239	344	22	-	-
Strip Permit No. 816-4	Luzerne	78,577	45,951	-	-	7,236	124,528	344	33	-	3
Total		115,554	64,213	-	-	10,800	179,767		55	-	3
Brook Contracting Corporation											
Strip Permit No. 86-1	Schuylkill	-	-	-	-	-	-	298	2	-	-
Strip Permit No. 86-2	Schuylkill	-	-	-	-	-	-	302	3	-	-
Strip Permit No. 86-3	Luzerne	2,726	4,771	937	86	-	8,520	283	12	-	-
Strip Permit No. 86-4	Schuylkill	-	-	-	-	-	-	284	6	-	-
Strip Permit No. 86-5	Luzerne	5,742	10,049	1,974	181	-	17,946	301	13	-	-
Strip Permit No. 86-6	Schuylkill	-	-	-	-	-	-	298	3	-	-
Total		8,468	14,820	2,911	267	-	26,466		39	-	-
Gowen Coal Co.											
Strip Permit No. 38-1	Schuylkill	11,150	10,259	-	-	17,800	21,409	301	17	-	-
Strip Permit No. 38-6	Schuylkill	-	-	-	-	-	-	288	7	-	-
Total		11,150	10,259	-	-	17,800	21,409		24	-	-
Greenwood Stripping Corporation											
Strip Permit No. 33-1	Schuylkill	142,025	68,625	26,970	256	242,480	237,876	252	126	-	9
Strip Permit No. 33-4	Carbon	35,023	16,923	6,650	-	153,720	58,596	269	27	-	4
Strip Permit No. 33-10	Carbon	-	-	-	-	-	-	99	1	-	-
Strip Permit No. 33-12	Carbon	-	-	-	-	-	-	215	1	-	-
Strip Permit No. 33-26	Carbon	-	-	-	-	-	-	70	2	-	-
Strip Permit No. 33-27	Carbon	-	-	-	-	-	-	217	1	-	-
Strip Permit No. 33-29	Carbon	-	-	-	-	-	-	80	1	-	-
Strip Permit No. 33-30	Carbon	-	-	-	-	-	-	34	2	-	-
Strip Permit No. 33-33	Schuylkill	-	-	-	-	-	-	225	1	-	-
Strip Permit No. 33-34	Carbon	-	-	-	-	-	-	192	2	-	-
Total		177,048	85,548	33,620	256	396,200	296,472		164	-	13
Honeybrook Mines, Inc.											
Strip Permit No. 53-6	Luzerne	4,831	3,289	4,509	-	-	12,629	226	9	-	-
Jeddo-Highland Coal Co.											
Strip Permit No. 22-8	(Jeddo Basin J-43)	177,978	129,730	23,284	1,218	9,943	332,210	348	67	-	8
(Jeddo Basin J-44)	Luzerne	115,803	84,661	15,111	809	10,867	216,384	331	94	-	10
Strip Permit No. 22-12	(Jeddo Basin J-33)	12,812	9,129	1,708	74	3,640	23,723	334	10	-	1
Total		306,593	223,520	40,103	2,101	24,450	572,317		171	-	19

# District 2

Operators and Mines	County	Production - Net Tons				Explosives				Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Used at		Total Production	Dynamite Pounds Used	Other Per- missible (Name)					
		By	Truck	to Local Trade	Mine for Steam and Heat								
									Sold				
Kassa Coal Co.	Carbon	-	-	-	-	a	-	-	206	2	-	-	
Strip Permit No. 44-1	Carbon	-	-	-	-	a	-	-	3	3	-	-	
Lehigh Valley Anthracite, Inc.	Luzerne	-	-	-	-	-	-	-	274	10	-	1	
Strip Permit No. 16-8	Luzerne	8,057	5,748	1,072	47	14,924	-	-	-	13	-	1	
Strip Permit No. 16-20	Luzerne	8,057	5,748	1,072	47	14,924	-	-	-	-	-	-	
Total													
District Total		631,701	407,397	82,215	2,671	1,123,984	449,250	13,212,523*	296	477	-	36	

NOTE: (a) Backfilling only  
\* Permissible - Ammonium Nitrate

District 3													
Bridg, Incorporated													
Strip Permit No. 31-13	Northumberland	-	11,473	-	-	11,473	-	-	-	160	4	-	-
Buck Coal Co.													
Strip Permit No. 49-1-R8	Columbia	-	2,167	-	-	2,167	-	-	-	154	2	-	1
Conyngam Contracting Co., Inc.													
Strip Permit No. 91-20	Northumberland	-	23,122	-	-	23,122	-	48,150		254	10	-	6
H. J. & H. Coal Co., Inc.													
Strip Permit No. 172-1	Northumberland	-	3,600	-	-	3,600	-	-	-	240	4	-	-
Kerris & Helfrick, Inc.													
Strip Permit No. 7-27	Northumberland	-	18,706	-	-	18,706	-	199,722		192	16	-	2
Strip Permit No. 7-28	Northumberland	-	11,059	-	-	11,059	-	133,148		86	14	-	1
Strip Permit No. 7-29	Northumberland	-	5,842	-	-	5,842	-	-		24	***	-	-
Strip Permit No. 7-30	Northumberland	-	17,089	-	-	17,089	-	205,755		181	12	-	1
Strip Permit No. 7-33	Northumberland	-	2,782	-	-	2,782	-	33,495		24	15	-	1
State Mine Fire Project	Northumberland	-	38,879	-	-	38,879	-	468,100		229	16	-	-
Shop and Office	Northumberland	-	-	-	-	-	-	-		251	27	-	-
Total		86,398	96,270	-	-	182,668	-	1,040,220		100	100	-	5
Lehigh Valley Anthracite, Inc.													
Strip Permit No. 16-14	Schuylkill	13,634	15,837	8,571	131	38,173	3,054	349,703		245	50	-	6
Strip Permit No. 16-18	Schuylkill	5,582	6,484	3,509	54	15,629	1,250	3,054		161	23	-	-
Strip Permit No. 16-24	Schuylkill	32,949	38,272	20,713	317	92,251	10,363	647,460		356	54	-	1
Shop and Office	Schuylkill	-	-	-	-	-	-	-		280	11	-	-
Total		52,165	60,593	32,793	502	146,053	14,667	1,000,217		138	138	-	7

## District 3

Operators and Mines	County	Production - Net Tons				Explosives			Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Used at Mine for Steam and Heat	Total Production	Dynamite Pounds Used	Other Per- missible (Name)					
		By Railroad	Truck					Sold to Local Trade				
Minel, Inc.												
Strip Permit No. 63-2(R3)	Northumberland	-	96	-	-	96	-	-	130	4	-	-
North Line Coal Co.												
Strip Permit No. 52-1(R8)	Northumberland	-	26,132	-	-	26,132	3,450	68,200	282	10	-	2
Ranshaw Transportation & Auto Wreckers Co.												
Strip Permit No. 119-3	Northumberland	6,100	1,000	-	60	7,160	-	-	140	2	-	-
Strip Permit No. 119-7	Northumberland	6,000	1,710	-	60	7,770	1,000	15,500	100	2	-	-
Total		12,100	2,710	-	120	14,930	1,000	15,500**		4	-	-
Reading Anthracite Co.												
Strip Permit No. 23- 8	Schuylkill	19,349	4,059	8,424	-	31,832	-	533,500	230	22	-	3
Strip Permit No. 23- 9	Schuylkill	-	-	-	-	-	-	-	290	1	-	-
Strip Permit No. 23-12	Schuylkill	-	-	-	-	-	-	-	290	1	-	-
Strip Permit No. 23-19	Schuylkill	21,258	156	10,462	-	31,876	16,600	737,600	287	19	-	2
Total		40,607	4,215	18,886	-	63,708	16,600	1,271,100		43	-	5
Rosini Coal Co.												
Strip Permit No. 47-38	Northumberland	-	41,712	-	-	41,712	39,075	146,925	200	13	-	-
Strip Permit No. 47-40	Northumberland	-	7,193	-	-	7,193	-	-	45		-	-
Strip Permit No. 47-44	Northumberland	-	4,392	-	-	4,392	-	-	45		-	-
Strip Permit No. 47-45	Northumberland	-	5,455	-	-	5,455	-	-	45		-	-
Total		-	58,752	-	-	58,752	39,075	146,925		13	-	-
Savitski Brothers Coal Sales												
Strip Permit No. 76-8	Northumberland	-	2,210	-	-	2,210	-	8,000	106	2	-	-
Shally Coal Co.												
Strip Permit No. 127-5	Northumberland	-	3,294	-	-	3,294	-	3,000	75	3	-	-
Strip Permit No. 127-6	Northumberland	-	3,033	-	-	3,033	300	-	209		-	-
Total		-	6,327	-	-	6,327	300	3,000		3	-	-
Split Vein Coal Co., Inc.												
Strip Permit No. 113-19	Northumberland	-	20,880	-	-	20,880	-	9,000	305	4	-	-
Strip Permit No. 113-20	Northumberland	-	11,480	-	-	11,480	-	6,000	305	3	-	-
Strip Permit No. 113-24	Northumberland	-	2,186	-	-	2,186	-	2,200	26	2	-	-
Strip Permit No. 113-25	Northumberland	-	10,691	-	-	10,691	-	5,600	128	3	-	1
Strip Permit No. 113-26	Northumberland	-	1,921	-	-	1,921	-	2,000	50	2	-	-
Strip Permit No. 113-27	Northumberland	-	5,952	-	-	5,952	-	4,300	101	2	-	-
Total		-	53,110	-	-	53,110	-	29,100		16	-	1
District Total		191,270	350,777	51,679	622	594,348	75,092	3,630,412 *	238	353	-	27

NOTE: \* Permissible - Ammonium Nitrate

\*\* Permissible - Pellite

\*\*\* Same employees at other operations

Operators and Mines	County	District 4										Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Production - Net Tons					Explosives								
		Shipped to Market		Used at		Total Production	Dynamite Pounds Used	Other Per- missible (Name)	Total Production	Dynamite Pounds Used	Other Per- missible (Name)				
		By Railroad	By Truck	Sold to Local Trade	Mine for Steam and Heat										
Bell Coal Co.	Schuylkill	534	14,343	9,204	179	24,260	3,000	-	-	304	3	-	-		
Blue Bell Enterprises	Schuylkill	1,179	401	8	4	1,592	-	8,000	-	76	2	-	-		
Strip Permit No. 14-4	Schuylkill	3,340	758	-	-	4,098	-	-	-	296	2	-	-		
Strip Permit No. 14-6	Schuylkill	4,519	1,159	8	4	5,690	-	8,000	-	-	4	-	-		
Total															
D. & F. Coal Co.	Schuylkill	20	460	520	-	1,000	-	-	-	40	2	-	-		
Strip Permit No. 138-3															
K. & K. Coal Co.	Schuylkill	7,265	11,820	3,050	206	22,341	6,000	20,000	-	282	2	-	-		
Strip Permit No. 136-2															
Kocher Coal Co., Leon E.	Schuylkill	43,517	34,122	10,547	443	88,629	-	758,759	-	304	24	-	-		
Strip Permit No. 90-7	Schuylkill	74,279	58,244	18,003	756	151,282	-	104,652	-	206	22	-	-		
Strip Permit No. 90-11	Schuylkill	117,796	92,366	28,550	1,199	239,911	-	863,411	-	46	-	-	-		
Total															
L. C. Enterprises	Schuylkill	1,185	2,613	928	25	4,751	-	12,000	-	282	2	-	-		
Strip Permit No. 162-2															
Pacine Coal Co.	Schuylkill	1,153	974	1,182	11	3,320	-	-	-	163	3	-	-		
Strip Permit No. 146-4															
R. R. & G., Inc.	Schuylkill	-	-	-	-	-	-	-	-	30	1	-	-		
Strip Permit No. 161-3															
Reading Anthracite Co.	Schuylkill	-	-	-	-	-	-	-	-	290	1	-	-		
Strip Permit No. 23-3	Schuylkill	108,019	22,657	47,030	-	177,706	564,000	2,128,050	-	250	87	-	16		
Strip Permit No. 23-4	Schuylkill	147,782	30,998	64,344	-	243,124	22,500	687,250	-	238	52	-	9		
Strip Permit No. 23-5	Schuylkill	-	-	-	-	-	-	-	-	231	1	-	-		
Strip Permit No. 23-6	Schuylkill	-	-	-	-	-	-	-	-	290	1	-	-		
Strip Permit No. 23-14	Schuylkill	1,957	409	853	-	3,219	-	567,982	-	284	10	-	-		
Strip Permit No. 23-15	Schuylkill	-	-	-	-	-	-	-	-	290	1	-	-		
Strip Permit No. 23-16	Schuylkill	27,511	5,770	11,979	-	45,260	-	1,264,218	-	231	26	-	2		
Strip Permit No. 23-20	Schuylkill	285,269	59,834	124,206	-	469,309	586,500	4,647,500	-	179	-	-	27		
Total															
Schuylkill Contracting Co.	Schuylkill	7,128	3,025	3,672	-	13,825 b	-	-	-	-	-	-	-		
Strip Permit No. 36-3	Schuylkill	12,780	5,423	6,582	-	24,785	-	165,500	-	235	9	-	-		
Strip Permit No. 36-6	Schuylkill	1,021	433	526	-	1,980	-	-	-	65	5	-	-		
Strip Permit No. 36-7	Schuylkill	4,129	1,752	2,127	-	8,008	-	-	-	88	9	-	-		
Strip Permit No. 36-12	Schuylkill	25,058	10,633	12,907	-	48,598	-	165,500	-	23	-	-	-		
Total															



District 4

Operators and Mines	County	Production - Net Tons				Explosives			Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Used at		Dynamite Pounds Used	Other Per- missible (Name)	Total Production				
		By Railroad	By Truck	Sold to Local Trade	Mine for Steam and Heat							
Swatara Coal Co.												
Strip Permit No. 70-3	Schuylkill									39	2	-
Strip Permit No. 70-4	Schuylkill	4,546	3,934	175	87	400	16,500	8,742		76	22	-
Strip Permit No. 70-7	Schuylkill	6,459	5,587	248	121	625	63,000	12,415		94	20	-
Total		11,005	9,521	423	208	1,025	79,500	21,157			44	-
Valent Coal Co., Inc.												
Strip Permit No. 105-8	Schuylkill	3,168	2,362	3,076	26	1,200	19,000	8,632		267	3	-
W. & W. Construction Co.												
Strip Permit No. 132-3	Schuylkill	2,374	15,732	10,005	119	-	13,750	28,230		292	13	-
Strip Permit No. 132-7	Schuylkill	21	499	508	2	-	300	1,030		127	2	-
Total		2,395	16,231	10,513	121	-	14,050	29,260			15	-
Williams, Evan & Joy, Edwin, Partners												
Strip Permit No. 1077-1	Schuylkill	130	434	756	4	1,400	9,000	1,324		20	2	-
District Total		459,497	222,750	195,323	1,983	599,125	5,837,961*	879,553		213	329	-
												27

NOTE: (a) Backfilling  
(b) Inventory coal  
\* Permissible - Ammonium Nitrate

District 5

Ace Anthracite, Inc.													
Ace Breaker	Lackawanna	-	-	-	-	-	-	-		250	3	-	-
American Silt Processing Co.													
Waddell Washery	Lackawanna	-	-	-	-	-	-	-		233	4	-	-
Bliss Coal Co.													
Bliss Breaker	Sullivan	-	-	-	-	-	-	-		114	5	-	-
Blue Coal Corporation													
Huber General	Luzerne	-	-	-	-	-	-	-		237	136	-	4
Bliss Cleaning Plant	Luzerne	-	-	-	-	-	-	-		239	7	-	-
Corgan Cleaning Plant	Luzerne	-	-	-	-	-	-	-		250	11	-	6
Marvine Bagging Plant	Lackawanna	-	-	-	-	-	-	-		249	13	-	1
Marvine Retail Sizing Sales	Lackawanna	-	-	-	-	-	-	-		306	5	-	-
Wanamie General	Luzerne	-	-	-	-	-	-	-		254	6	-	1
Wanamie No. 18 Cl. Plant	Luzerne	-	-	-	-	-	-	-		137	6	-	2
Total		-	-	-	-	-	-	-			164	-	14
C. & P. Coal Co.													
C. & P. Bank	Susquehanna	1,877	-	1,750	-	-	-	3,627		140	3	-	-



Operators and Mines	County	Production - Net Tons				Explosives			Aver- age Days Worked	No. of eyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Used at		Dynamite Pounds Used	Other Per- missible (Name)	Total Production				
		By Railroad	By Truck	Sold to Local Trade	Mine for Steam and Heat							
C. & P. Coal Co., (Continued)	Susquehanna	-	-	-	-	-	-	-	30	3	-	-
C. & P. Cleaning Plant		1,877	-	1,750	-	-	3,627	-	-	6	-	-
Total		-	-	-	-	-	-	-	-	-	-	-
Carbondale Coal Co.	Lackawanna	-	-	-	-	-	-	-	215	10	-	1
Carbondale Cleaning Plant		-	-	-	-	-	-	-	-	-	-	-
Gilco, Inc.	Lackawanna	-	-	-	-	-	-	-	98	15	-	1
Gilco Taylor Breaker		-	-	-	-	-	-	-	-	-	-	-
Glen Nan, Inc.	Luzerne	47,086	61,212	48,655	-	8,750	156,925 a	156,953	245	210	1	31
No. 3 Forge Slope	Luzerne	2,159	2,806	2,230	5	-	9,750 b	7,200	195	12	-	-
Twin Slope		49,245	64,018	50,885	5	8,750	166,675	164,153	-	222	1	31
Total		-	-	-	-	-	-	-	-	-	-	-
Lehigh Valley Anthracite, Inc.		-	-	-	-	-	-	-	-	-	-	-
Prospect Bank	Luzerne	5,388	5,495	7,570	914	-	-	19,367	15	7	-	-
Prospect Cleaning Plant	Luzerne	-	-	-	-	-	-	-	**	3	-	-
Larksville Bank	Luzerne	186	190	261	31	-	-	668	5	5	-	-
Franklin Cleaning Plant	Luzerne	-	-	-	-	-	-	-	25	5	-	-
Harry E. Breaker	Luzerne	-	-	-	-	-	-	-	65	27 c	-	2
Total		5,574	5,685	7,831	945	-	-	20,035	-	47	-	2
Locey Coal Co.		-	-	-	-	-	-	-	-	-	-	-
Locey Breaker	Sullivan	-	-	-	-	-	-	-	142	5	-	-
Minindu Corporation		-	-	-	-	-	-	-	-	-	-	-
Huber Breaker	Luzerne	-	-	-	-	-	-	-	237	44	-	10
Moosic Coal Co.		-	-	-	-	-	-	-	-	-	-	-
Moosic Breaker	Lackawanna	-	-	-	-	-	-	-	50	3	-	-
Mountain Coal Co.		-	-	-	-	-	-	-	-	-	-	-
Pittston Vein Slope	Luzerne	765	900	1,065	5	1,940	2,575 b	2,735	255	4	-	-
Northwest Mining Co., Inc.	Lackawanna	-	-	-	-	-	-	-	296	2	-	-
Northwest Retail Pockets		-	-	-	-	-	-	-	-	-	-	-
Olyphant Premium Anthracite, Inc.		-	-	-	-	-	-	-	-	-	-	-
Olyphant Culm Bank	Lackawanna	1,854	40,896	-	-	-	-	42,750	239	6	-	-
Olyphant Cleaning Plant	Lackawanna	-	-	-	-	-	-	-	247	15	-	1
Total		1,854	40,896	-	-	-	-	42,750	-	21	-	1
Perry Coal Sales Co., Thomas		-	-	-	-	-	-	-	-	-	-	-
Avoca Bank	Luzerne	22,379	-	-	-	-	-	22,379	201	5	-	-
Avoca Cleaning Plant	Luzerne	-	-	-	-	-	-	-	230	7	-	-
Total		22,379	-	-	-	-	-	22,379	-	12	-	-
Pollock, Inc., Ken		-	-	-	-	-	-	-	-	-	-	-
Huber Bank	Luzerne	-	23,789	-	-	-	-	23,789	41	7	-	-

District 5

Operators and Mines	County	Production - Net Tons				Explosives			Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market By	Truck	Sold to Local Trade	Used at Mine for Steam and Heat	Dynamite Pounds Used	Other Per- missible (Name)	Total Production				
Popple Brothers												
Popple Bank	Luzerne	-	22,979	-	-	-	-	22,979	203	4	-	-
Duryea Cleaning Plant	Luzerne	-	-	-	-	-	-	-	66	3	-	-
Total		-	22,979	-	-	-	-	22,979		7	-	-
S.B.P. Coal Co.												
Louise Cleaning Plant	Sullivan	-	-	-	-	-	-	-	66	1	-	-
Sebastopol Coal Co., Inc.												
Sebastopol Bank	Luzerne	-	3,753	-	-	-	-	3,753	25	3	-	-
Silverbrook Anthracite, Inc.												
No. 6 Bank	Luzerne	-	4,083	-	-	-	-	4,083	74	4	-	-
Kassa Breaker	Luzerne	-	-	-	-	-	-	-	248	7	-	-
Total		-	4,083	-	-	-	-	4,083		11	-	-
Sullivan Trail Coal Co.												
Exeter Bank	Luzerne	5,389	5,495	7,570	913	-	-	19,367	31	7	-	-
Susquehanna Coal Co.												
Glen Lyon Breaker	Luzerne	-	-	-	-	-	-	-	365	4	-	-
District Total		87,083	171,598	69,101	1,868	329,650	10,690	169,250	210	627	1	60

NOTE: (a) Permissible used - 113,125 lbs. Independent  
43,800 lbs. Atlas Coalite  
(b) All Independent Explosives  
(c) Includes Retail men at Sullivan Trail Breaker  
\*\* Maintenance only - watchmen

District 6

B-D Mining Co.												
Bancroft Bank No. 52	Schuylkill	15,957	7,859	-	-	-	-	23,816	55	11	-	-
Oakland No. 56 Bank	Schuylkill	58,979	29,050	-	-	-	-	88,029	179	8	-	2
Oakland No. 230 Bank	Schuylkill	606	300	-	-	-	-	906	44	7	-	-
Total		75,542	37,209	-	-	-	-	112,751		26	-	2
Beaver Brook Coal Co.												
Audenried Silt Bank	Luzerne	19,699	23,984	-	-	-	-	43,683	220	4	-	-
Beaver Brook Fine Coal Pl. Luzerne	Luzerne	-	-	-	-	-	-	-	267	5	-	1
Total		19,699	23,984	-	-	-	-	43,683		9	-	1
Botella Coal Co., James												
Packer No. 5 Bank	Schuylkill	8,025	11,044	2,994	16	-	-	25,079	190	3	-	-
Buckley Coal Corporation												
Eckley Breaker	Luzerne	-	-	-	-	-	-	-	230	35	-	1

District 6

Operators and Mines	County	Production - Net Tons				Explosives				Aver- age Days Worked	No. Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Used at		Dynamite Pounds Used	Other Per- missible (Name)	Total Production					
		By Railroad	Truck	By Truck	Sold to Trade				Mine for Steam and Heat				
Burnrite Coal Co. L. V. No. 2 Vein Slope	Columbia	-	1,768	-	-	820	-	1,768	-	200	3	-	-
Fanella Coal Co. Railroad Siding Bank	Northumberland	2,125	-	-	-	-	-	2,125	-	75	2	-	-
Fireside Mining, Inc. No. 3 Slope	Schuylkill	2,370	2,963	14,420	-	6,750	-	19,753	-	252	12	-	-
Gowen Coal Co. Gowen Breaker	Luzerne	-	-	-	-	-	-	-	-	135	13	-	-
Gowen Cleaning Plant	Luzerne	-	-	-	-	-	-	-	-	135	4	-	-
Manway to Pump Room	Luzerne	-	-	-	-	-	-	-	-	127	1	-	-
Total		-	-	-	-	-	-	-	-	-	18	-	-
Honeybrook Mines, Inc. Audenried Bank	Schuylkill	9,743	6,633	9,094	-	-	-	25,470	-	183	5	-	-
Honeybrook Breaker	Schuylkill	-	-	-	-	-	-	-	-	191	32	-	8
Total		9,743	6,633	9,094	-	-	-	25,470	-	-	37	-	8
Jeddo-Highland Coal Co. J-44 8700 Fines Bank	Luzerne	114	79	16	1	-	-	210	-	1	3	-	-
Lattimer Silt Bank	Luzerne	204	73	4	-	-	-	281	-	2	3	-	-
Jeddo No. 7 Breaker	Luzerne	-	-	-	-	-	-	-	-	241	94	-	3
Total		318	152	20	1	-	-	491	-	-	100	-	3
Kerris & Helfrick, Inc. Morris Ridge Cleaning Pl. Northumberland	Northumberland	-	-	-	-	-	-	-	-	148	4	-	-
Lehigh Valley Anthracite, Inc. Beaver Meadow Silt Bank	Luzerne	62,926	22,676	1,312	-	-	-	86,914	-	186	9	-	-
Hazleton Shaft Silt Bank	Luzerne	13,032	4,696	272	-	-	-	18,000	-	31	7	-	-
Hazleton Shaft Breaker	Luzerne	-	-	-	-	-	-	-	-	160	36	-	1
Lion Breaker	Luzerne	-	-	-	-	-	-	-	-	176	23	-	2
Total		75,958	27,372	1,584	-	-	-	104,914	-	-	75	-	3
Marion Mining Co., Inc. Connerton Drift	Schuylkill	-	-	-	-	-	-	-	-	44	3	-	-
Mazaika Brothers Coal Co. Mazaika Breaker	Schuylkill	-	-	-	-	-	-	-	-	306	2	-	-
Polcovich Coal Co. No. 2 Seven Foot Slope	Columbia	411	2,005	-	-	750	-	2,416	-	161	4	-	-
Premium Fine Coal Co. Candleton Bank	Schuylkill	47,849	-	-	-	-	-	47,849	-	212	3	-	-
Ranshaw Transportation & Auto Wreckers Co. Green Ridge Bank	Northumberland	4,800	-	-	-	-	-	4,800	-	49	4	-	-





## District 7

Operators and Mines	County	Production - Net Tons				Explosives			Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Used at		Dynamite Pounds Used	Other missible (Name)	Total Production				
		By Truck	By Railroad	Sold to Local Trade	to Mine and Heat							
Maiho Coal Co.	Schuylkill	-	-	-	-	-	-	-	304	5	-	-
Malho Breaker	Columbia	31	470	543	-	-	1,044	-	700 c	4	-	-
Metzinger Coal Co.	Northumberland	-	-	-	-	-	d	-	36	1	-	-
Seven Foot West Drift	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Morata Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
No. 4 Vein Slope	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Mountain View Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
2 Vein No. 1 Slope	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Pine Line Coal Co.	Northumberland	741	-	-	-	-	-	-	-	-	-	-
No. 9½ Vein Drift	Northumberland	-	-	-	-	-	-	-	-	-	-	-
R. & L. Coal Co.	Columbia	10	13	65	-	-	88	-	25 a	3	-	-
Germanatown Slope	Northumberland	-	-	-	-	-	-	-	-	-	-	-
R. & N. Coal Co., Inc.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
R. & N. Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Ranshaw Transportation & Auto Wreckers Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Ranshaw Washery	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Reading Anthracite Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Locust Summit Bagging Pl.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Reichwein & Beury Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
R. & B. Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Reidinger Coal Service, Inc.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Reidinger Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Rosini Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Carbon Run Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Savitski Brothers Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Savitski Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-	-
No. 1 Shaft	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-	-
Scott Coal Co.	Columbia	1,203	802	-	-	-	2,005	-	1,675 c	4	-	-
Seven Vein Slope	Northumberland	-	-	-	-	-	86	-	3	2	-	-
Shamokin Filler Co., Inc.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Sterling No. 1 Dam Bank	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Split Vein Coal Co., Inc.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Split Vein Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Swift Coal Sales, Inc.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
Swift Breaker	Northumberland	-	-	-	-	-	-	-	-	-	-	-
West Cameron Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-
No. 2 Vein Slope	Northumberland	-	-	-	-	-	-	-	-	-	-	-





# District 8

Operators and Mines	County	Production - Net Tons				Explosives				Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Used at		Dynamite Pounds Used	Other Per- missible (Name)	Total Production					
		By Railroad	By Truck	to Local	to Mine for Steam and Heat								
Sunshine Coal Co.	Northumberland	-	-	-	-	-	-	-	141	3	-	2	
Katheryn Breaker	Northumberland	-	3,600	-	-	-	3,600	-	2,500	220	4	-	
T. & L. Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-	
2 Vein S. D. Slope	Northumberland	-	1,150	-	-	-	1,150	-	2,500	225	3	-	
Twin Oaks Coal Co.	Northumberland	-	-	-	-	-	-	-	-	-	-	-	
No. 4 Slope	Northumberland	-	-	-	-	-	-	-	-	-	-	-	
District Total		41,297	211,541	20,323	-	-	273,161	650	32,725 *	205	118	-	15

NOTE: \* Dupont Explosives used.

# District 9

B-D Mining Co.	Schuylkill	8,976	7,888	1,028	-	7	17,899	-	-	104	8	-	-
Tunnel Ridge Bk. #115	Schuylkill	71,530	35,231	-	-	-	106,761	-	-	272	8	-	2
St. Nicholas No. 42B Silt	Schuylkill	-	-	-	-	-	-	-	-	269	31	-	17
B-D Fine Coal Prep. Plant	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Total		80,506	43,119	1,028	-	7	124,660	-	-	-	47	-	19
Bernitsky & Stenulis	Schuylkill	169	5,316	6,212	-	-	11,697	1,400	-	235	7	-	-
Bottom Split Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Blaschak Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	35	1	-	-
Skidmore Slope	Schuylkill	-	-	-	-	-	-	-	-	233	20	-	10
Blaschak Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	21	-	10
Total		-	-	-	-	-	-	-	-	-	-	-	-
Cass Contracting Co.	Schuylkill	-	-	-	-	-	-	-	-	169	9	-	11
Marlin Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
D.D.M. & H. Coal Co.	Schuylkill	15	347	392	-	-	754	-	600	59	4	-	-
Seven Foot Rock Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Gilberton Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Mahanoy City Bank #111	Schuylkill	11,105	11,756	14,054	-	150	37,065	-	-	288	4	-	-
Ginther Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Lucanna Bank	Schuylkill	25,139	-	-	-	-	25,139	-	-	217	2	-	-
Lucanna Fine Coal Plant	Schuylkill	-	-	-	-	-	-	-	-	217	4	-	1
Total		25,139	-	-	-	-	25,139	-	-	-	6	-	1
Greenwood Mining Co.	Schuylkill	-	-	-	-	-	-	-	-	292	70	-	17
Greenwood Breaker	Schuylkill	-	-	-	-	-	-	-	-	292	36	-	7
No. 12 Fine Coal Plant	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	106	-	24

District 9

Operators and Mines	County	Production - Net Tons				Explosives			Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Used at Mine for Steam and Heat	Total Production	Dynamite Pounds Used	Other Per- missible (Name)					
		By Railroad	Truck									
Greenwood Stripping Corporation												
No. 6 Bank	Carbon	23,650	11,427	4,491	-	39,568	-	-	259	5	-	-
No. 8 Bank	Schuylkill	8,835	4,269	1,677	-	14,781	-	-	87	5	-	-
No. 10 Bank	Schuylkill	5,331	2,576	1,013	-	8,920	-	-	76	5	-	-
Total		37,816	18,272	7,181	-	63,269	-	-		15	-	-
Lehigh Valley Anthracite, Inc.												
Rosa Bank	Schuylkill	7,591	8,817	4,772	73	21,253	-	-	205	5	-	-
Rosa Breaker	Schuylkill	-	-	-	-	-	-	-	237	45	-	3
Morea Breaker	Schuylkill	-	-	-	-	-	-	-	**	1	-	-
Salem Creek Breaker	Schuylkill	-	-	-	-	-	-	-	188	3	-	-
Total		7,591	8,817	4,772	73	21,253	-	-		54	-	3
Maksimik Coal Co.												
Kehley Run Bank	Schuylkill	1,638	2,867	611	5	5,121 b	-	-		-	-	-
Manbeck Dredging Co., Inc.												
Eagle Hill Bank	Schuylkill	-	107,700	-	-	107,700	-	-	233	4	-	-
Lansford No. 6 Bank	Schuylkill	-	17,800	-	-	17,800	-	-	258	9	-	4
Lansford No. 6 Washery	Schuylkill	-	-	-	-	-	-	-	258	9	-	4
Total		-	125,500	-	-	125,500	-	-		22	-	8
Mountain Side Coal Co.												
Mountain Side Breaker	Schuylkill	-	-	-	-	-	-	-	268	2	-	-
Phoenix Contracting Co.												
St. Nicholas R.R. Bank	Schuylkill	10,885	19,049	4,061	21	34,016	-	-	194	5	-	-
Premium Fine Coal Co.												
Premium Fine Coal Plant	Schuylkill	-	-	-	-	-	-	-	213	3	-	-
Reading Anthracite Co.												
Ellangown Culm Bank #45	Schuylkill	69,578	-	-	-	69,578	-	-	286	18	-	4
St. Clair Slush Bank #85-1	Schuylkill	14,573	3,057	6,344	-	23,974	-	-	125	1	-	-
St. Nicholas Slush #42 Bk.	Schuylkill	31,209	-	-	-	31,209	-	-	284	3	-	-
St. Nicholas #4 & #5 Pl.	Schuylkill	-	-	-	-	-	-	-	273	32	-	4
Beechwood Cleaner Plant	Schuylkill	-	-	-	-	-	-	-	220	5	-	2
Maple Hill Cleaner Plant	Schuylkill	-	-	-	-	-	-	-	34	10	-	-
New St. Nicholas Breaker	Schuylkill	-	-	-	-	-	-	-	229	35	-	7
New St. Nicholas Fine Cl.Pl.	Schuylkill	-	-	-	-	-	-	-	244	34	-	5
Pine Forest Cleaner Plant	Schuylkill	-	-	-	-	-	-	-	171	8	-	-
Total		115,360	3,057	6,344	-	124,761	-	-		146	-	22
S. & N. Coal Co.												
Tuscarora Tunnel	Schuylkill	-	-	-	6	6	10	-	16	3	-	-

District 9

Operators and Mines	County	Production - Net Tons				Explosives		Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Used at		Dynamite Pounds Used	Other Per- missible (Name)				
		By Railroad	By Truck	to Local Trade	to Mine and Heat						
Schickram, William	Schuylkill	35,769	17,283	6,793	-	59,845	-	255	23	-	-
No. 8 Bank											
Schuylkill Contracting Co.	Schuylkill	-	1,591	-	-	1,591	-	11	4	-	-
K.&P. Slush Dam Bank	Schuylkill	-	443	-	-	443	-	5	2	-	-
Jonestown Slush Bank	Schuylkill	5,785	2,455	2,980	-	11,220	-	29	2	-	-
Marlin Culm Bank	Schuylkill	492	19,042	-	-	19,534	-	39	7	-	-
Marlin Slush Bank	Schuylkill	1,037	22,441	-	-	23,448	-	62	12	-	-
Wadesville Bank	Schuylkill	7,344	45,942	2,980	-	56,236	-	-	27	-	-
Total											
Silver Creek Coal Co., Inc.	Schuylkill	-	-	-	-	-	-	146	7	-	-
Silver Creek Breaker	Schuylkill	-	-	-	-	-	-	48	1	-	-
Silver Creek Marway	Schuylkill	-	-	-	-	-	-	-	8	-	-
Total											
Skytop Coal Co.	Schuylkill	-	-	-	-	-	-	298	13	-	-
Skytop Breaker	Schuylkill	-	-	-	-	-	-	289	4	-	-
South Tamaqua Coal Pockets	Schuylkill	-	-	-	-	-	-	-	-	-	-
South Tamaqua Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	-
Tracy Coal Co.	Schuylkill	194	748	478	-	1,420	375	51	3	-	-
Tracy Vein Slope											
Zakrewsky Coal Co.	Schuylkill	-	252	1,805	11	2,068	1,400	53	6	-	-
Leader Slope	Schuylkill	557	404	1,083	-	2,044	1,100	147	4	-	-
Orchard Drift	Schuylkill	557	656	2,888	11	4,112	2,500	-	10	-	-
Total											
District Total		334,058	302,729	57,794	273	694,854	4,285	600*	227	542	-
											98

NOTE: \* Dupont Explosives used  
 \*\* Watchman only  
 (a) Used only for pumping water to Blaschak Breaker  
 (b) Coal reported from stock  
 (c) Pumping only.

District 10

A. & B. Coal Co.	Schuylkill	-	2,195	433	13	3,000	-	2,641	-	138	2	-	-
Buck Mountain Slope													
Blue Bell Enterprises	Schuylkill	-	-	-	-	-	-	-	-	114	3	-	-
Tremont Breaker													



District 10

Operators and Mines	County	Production - Net Tons				Explosives			Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market By	Sold to	Used at Mine and Heat	Total Production	Dynamite Pounds Used	Other Per- missible (Name)					
C-L-P Coal Co.	Schuylkill	4,031	3,488	155	77	7,751	6,500	-	235	5	-	-
Platko Slope	Schuylkill	2,240	-	1,833	-	4,073	-	-	40	2	-	-
Branchdale Bank	Schuylkill	-	-	-	-	-	-	-	103	4	-	-
Maple Spring Breaker												
Total		6,271	3,488	1,988	77	11,824	6,500			11	-	-
Coxe Coal Co.												
Woods Drift	Schuylkill	-	-	-	-	-	-	-	54	2	-	-
D. & R. Coal Co.												
Buck Mountain Slope	Schuylkill	-	103	20	1	124	25	-	12	2	-	-
Dando Coal Co., Frederick P.												
No. 12 Rock Slope	Schuylkill	47	1,089	1,232	-	2,368	4,700	-	120	4	-	-
DiRenzo Coal Co.												
DiRenzo Breaker	Schuylkill	-	-	-	-	-	-	-	255	8	-	-
F. & F. Coal Co.												
Buck Mountain Slope	Schuylkill	-	-	-	-	-	-	-	30	2	-	-
Glenn Worth Coal Co.												
Glenn Worth Breaker	Schuylkill	-	-	-	-	-	-	-	276	2	-	-
Hatter Coal Co.												
No. 1 Slope	Schuylkill	1,729	9,782	-	93	11,604	10,450	-	299	10	-	-
Hecla Machinery & Equipment Co.												
Branchdale Bank	Schuylkill	-	73,077	-	-	73,077	-	-	203	1	-	-
Hegins Mining Co.												
No. 5 West Slope	Schuylkill	112	3,361	2,072	56	5,601	2,950	6,000	303	10	-	2
Hillside Breaker	Schuylkill	-	-	-	-	-	-	-	300	5	-	-
Total		112	3,361	2,072	56	5,601	2,950	6,000		15	-	2
Herring Bros. & Lucas Coal Co.												
Herring Bros. Slope	Schuylkill	2,205	4,961	784	50	8,000	1,600	-	277	11	-	2
K-H-K Coal Co.												
No. 4 Vein Slope	Schuylkill	386	672	950	5	2,013	1,000	-	15	3	-	-
Klinger Coal Co.												
No. 1 Slope	Schuylkill	96	2,887	1,780	48	4,811	3,000	-	275	3	-	-
Lave Oak Coal Co.												
Live Oak Breaker	Schuylkill	-	-	-	-	-	-	-	232	2	-	-
Muller Coal Co.												
Muller Mine	Schuylkill	-	-	-	-	-	-	-	180	2	-	-
Mountain Top Coal Co.												
Orchard Slope	Schuylkill	593	532	27	13	1,165	1,800	-	60	3	-	-



## District 10

Operators and Mines	County	Production - Net Tons				Explosives			Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Used at Mine for Steam and Heat	Total Production	Dynamite Pounds Used	Other Per- missible (Name)					
		By	Sold									
		: Railroad	Truck	: Local	: Trade	:	:	:				
Olenick Brothers Coal Co.	Schuylkill	-	-	-	-	-	-	-	264	9	-	-
Olenick Breaker	Schuylkill	69	1,584	1,791	3,444	1,700	-	-	242	4	-	-
P. & H. Coal Co.	Schuylkill	23,133	4,852	10,072	38,057	-	-	-	189	1	-	-
Reading Anthracite Co.	Schuylkill	-	-	-	-	-	-	-	24	2	-	-
Pine Knot Refuse Bk #204	Schuylkill	422	41,773	-	42,195	-	-	-	84	9	-	-
Renninger Coal Co.	Schuylkill	432	1,800	466	2,706	5,400	-	-	217	2	-	-
Buck Mountain Slope	Schuylkill	-	-	-	-	-	-	-	60	3	-	-
Schuylkill Contracting Co.	Schuylkill	15,039	13,016	578	28,922	-	-	-	128	8	-	-
Buck Run Slush Bank	Schuylkill	-	-	-	-	-	-	-	236	27	-	1
Sharp Mountain Coal Co.	Schuylkill	15,039	13,016	578	28,922	-	-	-	35	1	-	-
Little Orchard Drift	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Studlack Partnership	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Buck Mountain Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Swatara Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Otto Bank	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Swatara Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	-	-
Total		41	946	1,069	2,056	1,200	-	-	240	2	-	-
Walattis Coal Co.	Schuylkill	-	-	-	-	-	-	-	240	9	-	-
No. 2 & 3 Slopes	Schuylkill	1,034	12,297	4,349	17,783	34,000	-	-	266	7	-	-
lytle Washery	Schuylkill	516	3,617	3,738	7,879	4,000	-	-	282	8	-	-
Wolfgang Brothers Coal Co.	Schuylkill	52,125	182,032	31,349	266,270	81,325	6,000 *	209	177	-	5	-
Little Tracy Slope	Schuylkill											
Woratyla Coal Co.	Schuylkill											
Mammoth Slope	Schuylkill											
District Total												

NOTE: \* Independent Explosives used

## District 11

Bush Coal Co.	Schuylkill	41	4,007	3,770	7,881	-	2,750	60	10	-	-	-
Top Split Slope	Schuylkill	1,940	13,387	9,264	24,708	-	30,000	237	22	-	-	-
Skidmore Slope	Schuylkill	1,981	17,344	11,034	32,587	-	32,750 a	32	32	-	-	-
Total		41	4,007	3,770	7,881	-	2,750	60	10	-	-	-

District 11

Operators and Mines	County	Production - Net Tons				Used at Mine for Steam and Heat	Explosives				Average Days Worked	No. of Employees	Fatal Accidents	Non-fatal Accidents
		Shipped to Market		Sold to			Total Production	Dynamite Pounds Used	Other Permissible (Name)					
		By Railroad	By Truck	Local	Trade									
Colket Coal Co.	Schuylkill	665	2,785	696		12	4,158	3,075	-	240	4	-	-	
No. 1, 2 Tracy Slopes	Schuylkill													
Harman Coal Co.	Schuylkill	257	1,650	-		12	1,919	975	-	170	2	-	-	
Buck Mountain Drift	Schuylkill													
Hegins Mining Co.	Schuylkill	628	18,845	11,621		314	31,408	-	18,000 a	308	19	-	-	
No. 3 Skidmore Slope	Schuylkill													
Herb Coal Co.	Schuylkill	39	251	-		2	292	175	-	74	3	-	-	
Orchard Vein Slope	Schuylkill													
Knorr Coal Co.	Schuylkill	145	2,175	531		12	2,863	1,750	-	200	4	-	-	
Buck Mountain Slope	Schuylkill													
Kocher Coal Co., Leon E.	Schuylkill	-	-	-		-	-	-	-	292	51	-	12	
Kocher Breaker	Schuylkill													
Lucas Mining Co.	Schuylkill	4,951	16,327	772		184	22,234	18,450	-	282	14	-	-	
Primrose Slope	Schuylkill													
Madenford Coal Co.	Schuylkill	-	-	-		-	-	-	-	30	2	-	-	
No. 2 Vein Slope	Schuylkill													
Manbeck Dredging Co., Inc.	Schuylkill	-	-	-		-	-	-	-	278	10	-	6	
Westwood Washery	Schuylkill	61,600	-	-		-	61,600	-	-	278	9	-	-	
Westwood Bank	Schuylkill	-	88,700	-		-	88,700	-	-	233	6	-	-	
Lincoln Mud Dam Bank	Schuylkill	-	88,700	-		-	150,300	-	-		25	-	6	
Total		61,600	88,700	-		-								
Mercury Coal Co.	Schuylkill	8,802	6,836	1,984		89	17,711	15,100	-	303	9	-	1	
No. 4 Mine	Schuylkill													
Pine Creek Coal Co.	Schuylkill	-	-	-		-	-	-	-	253	9	-	-	
Pine Creek Breaker	Schuylkill													
Pollock, Inc., Ken	Schuylkill	-	26,188	-		-	26,188	-	-	36	1	-	-	
Penag Bank	Schuylkill													
Snyder Coal Co., Leroy	Schuylkill	1,423	9,214	65		64	10,766	-	8,750 c	298	6	-	-	
No. 1 Slope	Schuylkill													
Superior Preparation Co., Inc.	Schuylkill	-	-	-		-	-	-	-	306	8	-	-	
Superior Breaker	Schuylkill													
District Total		80,491	190,315	28,703		919	300,428	39,525	59,500	258	189	-	19	

NOTE: (a) Atlas Explosives Used  
(b) No production  
(c) Dupont Explosives Used

District 12

Operators and Mines	County	Production - Net Tons				Explosives				Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Sold		Total Production	Dynamite Pounds Used	Other Per- missible (Name)					
		By		to									
		Railroad	Truck	Local Trade	Mine and Heat								
Acme Coal Co.	Schuylkill	-	-	1,555	15	1,570	900	-	171	4	-	-	
L. V. No. 5 Vein Slope	Schuylkill	75	3,553	1,808	1	5,437	4,000	-	237	3	-	-	
D. & R. Coal Co.	Schuylkill	-	-	-	-	-	-	-	174	6	-	-	
Franklin Coal Co.	Schuylkill	-	-	-	-	-	-	-	286	6	-	-	
Franklin Breaker	Schuylkill	-	-	-	-	-	-	-	302	11	-	-	
Harter Coal Co.	Schuylkill	-	8,678	1,712	52	10,442	3,200	-	249	3	-	-	
Primrose Slope	Schuylkill	-	22,505	2,459	195	29,477	38,600	-	299	76	-	2	
Hatter Coal Co.	Schuylkill	4,318	2,351	371	14	3,573	2,000	-	129	3	-	-	
Middle Split Slope	Schuylkill	837	2,351	371	14	3,573	2,000	-	22	3	-	-	
Kintzel Brothers Coal Co.	Schuylkill	42,401	33,247	10,276	431	86,355	70,100	-	250	3	-	-	
L. V. No. 6 Vein Slope	Schuylkill	137	816	329	5	1,287	450	-	250	4	-	-	
Kocher Coal Co., Leon E.	Schuylkill	215	1,363	-	-	1,578	-	-	250	7	-	-	
Porter Tunnel	Schuylkill	-	20,925	-	-	20,925	-	-	-	-	-	-	
Koppenhaver Coal Co.	Schuylkill	-	-	-	-	20,925	-	-	-	-	-	-	
Buck Mountain Slope	Schuylkill	-	-	697	7	704	350	-	83	3	-	-	
M. & L. Enterprises, Inc.	Dauphin	-	-	-	-	-	-	-	312	7	-	-	
Iykens Railroad Yard Bank	Schuylkill	432	2,687	3,594	36	6,749	3,000	-	253	6	-	-	
Meadowbrook Coal Co.	Schuylkill	648	4,730	164	27	5,569	2,600	-	250	4	-	-	
Meadowbrook Bank	Dauphin	733	4,627	-	27	5,387	2,600	-	233	4	-	-	
Meadowbrook Washery	Dauphin	-	-	-	-	-	-	-	304	7	-	-	
Total	Schuylkill	-	-	625	6	631	400	-	100	3	-	-	
Miller Coal Co.	Schuylkill	-	-	-	-	-	-	-	18	4	-	-	
Buck Mountain Slope	Dauphin	-	-	-	-	-	-	-	-	-	-	-	
Oakwood Coal Co., Inc.	Dauphin	-	-	-	-	-	-	-	-	-	-	-	
Oakwood Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
P. & M. Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
Orchard Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
S. & K. Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
Buck Mountain Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
S. & T. Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
Skidmore Slope	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
Schneck Coal Co., Thomas W.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
Schneck Breaker	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
Shomper Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
L.V.No. 6 Vn. No.2 Slope	Schuylkill	-	-	625	6	631	400	-	100	3	-	-	
Smeltz Coal Co.	Schuylkill	-	-	-	-	-	-	-	-	-	-	-	
No. 7 Vein Slope	Dauphin	-	-	-	-	-	-	-	18	4	-	-	

District 12

Operators and Mines	County	Production - Net Tons				Explosives				Aver- age Days Worked	No. of Empl- oyes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market By	Sold to	Used at Mine for Steam and Heat	Total Production	Dynamite Pounds Used	Other Per- missible (Name)						
Spancake & Herring Coal Co.	Schuylkill	57	3,094	2,206	35	5,392	3,200	-	229	3	-	-	
Buck Mountain Slope	Dauphin	-	-	-	-	-	-	-	241	4	-	1	
Strohecker Coal Co.	Dauphin	-	-	2,465	24	2,489	1,750	-	310	3	-	-	
Underkoffler Coal Co.	Dauphin	-	-	-	-	-	-	-	170	18	-	-	
Buck Mountain Slope	Schuylkill	1,764	12,761	15,361	181	30,067	-	22,250 c	257	15	-	2	
Underkoffler Coal Service, Inc.	Schuylkill	536	2,675	6,317	-	9,528	4,500	-	271	9	-	-	
Underkoffler Breaker	Schuylkill	2,283	4,652	8,228	194	15,357	9,550	-	255	8	-	-	
Williamson Coal Co., Inc.	District Total	54,436	128,664	58,167	1,250	242,517	147,200	22,250	251	220	-	5	

NOTE: (a) Repair work only  
(b) Atlas Coalite Explosive Used

\* \* \* \*

# **ANTHRACITE**

## **BREAKERS, WASHERIES AND PREPARATION PLANTS**





ANTHRACITE REGION  
Breakers, Washeries and Preparation Plants

1973

District	Preparation Plant	Company	Location	Zip Code
5	Ace Breaker	Ace Anthracite Co.	Taylor	18517
5	Avoca Cleaning Plant	Perry Coal Sales Co.	Avoca	18641
9	B-D Fine Coal Plant	B-D Mining Co.	Mahanoy Township	17958
6	Beaverbrook Fine Coal Pl.	Beaver Brook Coal Co.	Hazle Township	18704
9	Blaschak Breaker	Blaschak Coal Co.	St. Nicholas	17948
5	Bliss Breaker	Bliss Coal Co.	Mildred	18624
5	Bliss Cleaning Plant	Blue Coal Corporation	Wanamie	18659
7	C. & F. Breaker	C. & F. Coal Co., Inc.	Ranshaw	17866
5	C. & P. Cleaning Plant	C. & P. Coal Co.	Peckville	18452
5	Carbondale Cleaning Plant	Carbondale Coal Co.	Carbondale	18407
7	Carbon Run Breaker	Rosini Coal Co.	Shamokin	17872
5	Corgan Cleaning Plant	Blue Coal Corporation	Wanamie	18659
6	Diamond Breaker	Sun Coal Co., Inc.	Atlas	17811
7	Diminick Breaker (a)	Diminick Coal Sales, Inc.	Paxinos	17860
10	DiRenzo Breaker	DiRenzo Coal Co.	Llewellyn	17944
5	Duryea Cleaning Plant	Popple Brothers	Pittston	18640
6	Eckley Breaker	Buckley Coal Corporation	Eckley	18255
12	Franklin Breaker	Franklin Coal Co.	Ravine	17966
5	Franklin Cleaning Plant	Lehigh Valley Anthracite, Inc.	Wilke-Barre	18702
5	Gilco Taylor Breaker	Gilco, Inc.	Taylor	18517
8	Glen Burn Breaker	Glen Burn Colliery, Inc.	Shamokin	17851
10	Glenn Worth Breaker	Glenn Worth Coal Co.	Cressona	17929
6	Gowen Breaker	Gowen Coal Co.	Fern Glen	18241
6	Gowen Cleaning Plant	Gowen Coal Co.	Fern Glen	18241
9	Greenwood Breaker	Greenwood Mining Co.	Rahn Township	19426
9	Greenwood Fine Coal Plant	Greenwood Mining Co.	Coaldale	18218
8	H.J. & H. Breaker	H. J. & H. Coal Co.	Trevorton	17881
5	Harry E Breaker	Lehigh Valley Anthracite, Inc.	Swoyersville	18704
6	Hazleton Shaft Breaker	Lehigh Valley Anthracite, Inc.	Hazleton	18201
10	Hillside Breaker	Hegins Coal Co.	Zerbe	17984
6	Honeybrook Breaker	Honeybrook Mines, Inc.	Audenried	18213
5	Huber Breaker	Minindu Corporation	Ashley	18706
6	Jeddo No. 7 Breaker	Jeddo-Highland Coal Co.	Harleigh	18225
5	Kassa Breaker	Silverbrook Anthracite, Inc.	Dupont	18641
8	Katheryn Breaker	Sunshine Coal Co.	Trevorton	17881
11	Kocher Breaker	Kocher Coal Co., Leon E.	Good Spring	17983
6	Lion Breaker	Lehigh Valley Anthracite, Inc.	Hazleton	18201
10	Live Oak Breaker	Live Oak Coal Co.	Primrose	17954
5	Locey Breaker	Locey Coal Co.	Mildred, Box 25	18624
7	Locust Summit Bagging Pl.	Reading Anthracite Co.	Locust Gap	17840
7	Locust Summit Fine Coal Pl.	Gilberton Coal Co.	Locust Gap	17840
9	Lucanna Fine Coal Plant	Ginther Coal Co.	Cumbola	17930
10	Lytle Washery	Winne Land Co.	Primrose	17954
7	Malho Breaker	Malho Coal Co., Inc.	Lavelle	17943
10	Maple Spring Breaker	C-I-S Coal Co.	Branchdale	17923
9	Marlin Breaker	Cass Contracting Co.	Marlin	17951
5	Marvine Bagging Plant	Blue Coal Corporation	Scranton	18509
5	Marvine Retail Sizing	Blue Coal Corporation	Scranton	18509
6	Mazaika Breaker	Mazaika Brothers Coal Co.	Rush Township	18252
12	Meadowbrook Washery	Meadowbrook Coal Co.	Iykens	17048
5	Moosic Breaker	Moosic Coal Co.	Moosic	18509
9	Morea Breaker	Lehigh Valley Anthracite, Inc.	Morea	17955
6	Morris Ridge Cleaning Pl.	Kerris & Helfrick, Inc.	Mount Carmel	17851
9	Mountain Side Breaker	Mountain Side Coal Co.	South Tamaqua	18252
9	New St. Nicholas Breaker	Reading Anthracite Co.	Seltzer	17974
9	New St. Nicholas Coal Pl.	Reading Anthracite Co.	Seltzer	17974
5	Northwest Retail Pockets	Northwest Mining Co.	Eynon	18418
9	No. 6 Washery	Manbeck Dredging Co., Inc.	Lansford	18232
12	Oakwood Breaker	Oakwood Coal Co.	Ravine	17966
10	Old Mill Coal Yard	Zimmerman Coal Co.	Llewellyn	17944
10	Olenick Breaker	Olenick Brothers Coal Co.	Forestville	16035

144	District	Preparation Plant	Company	Location	Zip Code
	5	Olyphant Cleaning Plant	Olyphant Premium Anth. Co.	Olyphant	18447
	11	Pine Creek Breaker	Pine Creek Coal Co.	Spring Glen	17928
	9	Premium Fine Coal Plant	Premium Fine Coal Co.	South Tamaqua	18252
	5	Prospect Cleaning Plant	Lehigh Valley Anthracite, Inc.	Plains	18705
	7	R. & B. Breaker (a)	Reichwein & Beury Coal Co.	Gordon	17921
	7	R. & N. Breaker	R. & N. Coal Co., Inc.	Weigh Scales	17872
	7	Ranshaw Washery	Ranshaw Transportation Co.	Ranshaw	17866
	7	Reidinger Breaker	Reidinger Coal Service, Inc.	Paxinos	17860
	9	Rosa Breaker	Lehigh Valley Anthracite, Inc.	Shenandoah	17976
	5	S.B.P. Cleaning Plant	S.B.P. Coal Co.	Mildred	18624
	9	Salem Hill Breaker	Lehigh Valley Anthracite, Inc.	Pottsville	17901
	7	Savitski Breaker	Savitski Brothers Coal Co.	Atlas	17811
	12	Schneck Breaker	Schneck Coal Co., Thomas W.	Pine Grove R.D.	17963
	9	Silver Creek Breaker	Silver Creek Coal Co.	New Philadelphia	17959
	9	Skytop Breaker	Skytop Coal Co.	New Boston	17958
	9	South Tamaqua Breaker	South Tamaqua Coal Co.	South Tamaqua	18252
	7	Split Vein Breaker	Split Vein Coal Co., Inc.	Weigh Scales	17872
	12	Strohecker Breaker	Strohecker Coal Co.	Elizabethville	17023
	11	Superior Breaker	Superior Preparation Co., Inc.	Valley View	17983
	10	Swatara Breaker	Swatara Coal Co.	Zerbe	17984
	7	Swift Breaker	Swift Coal Sales, Inc.	Paxinos	17860
	8	Trevorton Breaker	Reading Anthracite, Inc.	Trevorton	17881
	12	Underkoffler Breaker	Underkoffler Coal Sales	Lykens	17048
	5	Waddell Washery	American Silt Processing Co.	Archbald	18403
	5	Wanamie No. 18 Cl. Plant	Blue Coal Corporation	Wanamie	18659
	10	Westwood Washery	Manbeck Dredging Co., Inc.	Joliett(Tremont)	17981

NOTE: (a) Closed Breaker during 1973

# ANTHRACITE OPERATORS





## DEPARTMENT OF ENVIRONMENTAL RESOURCES

## ANTHRACITE OPERATORS--YEAR 1973

District	Operator	General Manager	Address	Zip Code
10	A. & B. Coal Co. DM	Dale Herb	304 Center St.	Donaldson 17981
5	Ace Anthracite, Inc. B	J. Pasternak	419 Center St.	Taylor 18517
12	Acme Coal Co. DM	J. S. Reho		Williamstown 17098
5	American Silt Processing Co. W	J. Warnetsky		Archbald 18403
7	Ashland Community Enterprises T	E. R. Ermert	19th & Oak Sts.	Ashland 17921
6-9	B-D Mining Co. bk CP	G. C. Hower		Gilberton 17934
6	Beaver Brook Coal Co. bk CP	Norman James		Beaver Brook 18215
4	Bell Coal Co. S	A. Kovalchick	P. O. Box 251	Brockton 17925
2	Beltrami Enterprises, Inc. S	L. Beltrami	R. D. 2	Weatherly 18255
9	Bernitsky & Stenulis DM	G. Stenulis	17 Water Street	New Phila. 17959
9	Blaschak Coal Co. DM B	F. Blaschak	St. Nicholas	Mahanoy City 17948
1	Bliss Brothers Coal Co. S	F. V. Locey	P. O. Box 25	Mildred 18632
5	Bliss Coal Co. B	Carl Bliss	P. O. Box 158	Mildred 18632
4-10	Blue Bell Enterprises S B	J. Butcavage	720 Lytle Street	Minersville 17954
1-5	Blue Coal Corp. S CP	J. Gaughan		Wanamie 18659
6	Botella Coal Co., James bk	J. J. Botella	402 W. Preston Ave.	Girardville 17935
3	Bridy, Incorporated S	E. A. Bridy	237 W. Girard St.	Atlas 17851
2	Brook Contracting Corp. S	G. Racho	P. O. Box 98	Hazleton 18201
3	Buck Coal Co. S	J. E. Miller	P. O. Box 291	Mt. Carmel 17851
6	Buckley Coal Corp. B	J. Beltrami	R. D. 2	Weatherly 18255
6	Burnrite Coal Co. DM	W. Reiff	803 Walnut St.	Ashland 17921
11	Bush Coal Co. DM	Earl Bush	1404 E. Grand Ave.	Tower City 17980
7	C. & F. Coal Co., Inc. B	L. Chapleski	P. O. Box 5	Ranshaw 17866
5	C. & P. Coal Co. bk CP	A. Coccodrelli	723 Pleasant Ave.	Peckville 18452
10	C-L-S Coal Co. B bk DM	R. G. Allen	P. O. Box 396	Branchdale 17923
1-5	Carbondale Coal Co. S CP	F. McAndrew	78 Cottage St.	Carbondale 18407
9	Cass Contracting Co. B	Jas. V. Ryan	R.D. 2, Box 360½	Pottsville 17901
11	Colket Coal Co. DM	J. Messaros	117 School Row	Branchdale 17923
3	Conyngham Contracting Co., Inc. S	W. H. Brennan	215 N. 9th St.	Ashland 17921
10	Coxe Coal Co. DM	Norman Essler	847 Garfield Ave.	Sch. Haven 17972
9	D.D.M. & H. Coal Co. DM	Harry David	P. O. Box 359	Minersville 17954
4	D. & F. Coal Co. S	D. B. Muscara	P. O. Box 298	Minersville 17954
12	D. & R. Coal Co. DM	Robert Rhen		Pine Grove 17953
10	D. & R. Coal Co. DM	Bobby Donofrio	R. D. 1	Pine Grove 17963
7	D. R. Z. Coal Co. DM	S. Shalamanda	R. D. 1	Ashland 17921
8	D. & S. Coal Co. DM	Daniel Fedako	1915 Race St.	Ashland 17921
10	Dando Coal Co. F. P. DM	F. P. Dando	P. O. Box 583	Pottsville 17901
7	Diminick Coal Sales, Inc. B	Oliver Knapick	1453 W. Pine St.	Shamokin 17872
10	DiRenzo Coal Co. B	D. DiRenzo	R. D. 2	Pottsville 17901
7	Duke Associates Coal Co. DM	Joseph Duke	1023 W. Willow St.	Shamokin 17872
7	Duke Mining Co. DM	Joseph Duke	1023 W. Willow St.	Shamokin 17872
10	F. & F. Coal Co. DM	F. P. Dando	P. O. Box 583	Pottsville 17901
8	4-D Coal Co. DM	Randall Derck	1313 W. Spruce St.	Shamokin 17872
6	Fanella Coal Co. bk	R. Fanella	211 W. Saylor St.	Atlas 17851
6	Fireside Mining, Inc. DM	Marvin Kimmel	281 S. Main St.	Pine Grove 17963
12	Franklin Coal Co. B	F. I. Miller		Ravine 17966
7	G.M.P. Coal Co., Inc. DM	Albert Geslock	530 E. 7th St.	Mt. Carmel 17851
7-9	Gilberton Coal Co. bk CP	G. C. Hower		Gilberton 17934
5	Gilco, Inc. B	M. Costanzo		Taylor 18517
9	Ginther Coal Co. bk CP	D. F. Bressler	P. O. Box 219	Hazleton 18201
8	Glen Burn Colliery, Inc. B	J. J. Parker	P. O. Box F	Shamokin 17872
5	Glen Nan, Inc. DM	A. R. Borchett	101 S. Main St.	Ashley 18706
10	Glenn Worth Coal Co. B	Edward Hoke	1707 W. Market St.	Pottsville 17901
2-6	Gowen Coal Co. S B CP	D. M. Yamulla		Fern Glen 18241
9	Greenwood Mining Co. B CP	J. J. Fauzio	P. O. Box 269	Tamaqua 18252
2-9	Greenwood Stripping Corp. S bk	J. J. Fauzio	P. O. Box 269	Tamaqua 18252
3-8	H. J. & H. Coal Co., Inc. B S	Harry D. Reitz, Jr.	R. D. 1	Milton 17847
11	Harman Coal Co. DM	John Harman	R. D. 1	Hegins 17938
12	Harner Coal Co. DM	R. E. Harner		Spring Glen 17978
10-12	Hatter Coal Co. DM	Jacque Hatter		Hegins 17938
8-10	Hecla Machinery & Equipment Co. bk	Gene Gangloff	R. D. 1	New Ringgold 17960
10-11	Hegins Mining Co. DM B	Forrest Otto	R. D. 2 (Zerbe)	Tremont 17981
11	Herb Coal Co. DM	Dale Herb	304 E. Center St.	Donaldson 17981
10	Herring Bros. & Lucas Coal Co. DM	Roy Lucas	R. D. 2	Pine Grove 17963
2-6	Honeybrook Mines, Inc. S bk B	Louis Blass	109 E. First St.	Hazleton 18201

	District Operator	General Manager	Address	Zip Code
2-6	Jeddo-Highland Coal Co. S bk B	Louis Pagnotti	800 Exeter Ave.	W.Pittston 18643
4	K. & K. Coal Co. S	B. Kuperavage	133 Valley Furnace	Port Carbon 17965
7	K. & K. Coal Co. DM	G. Kastroba	R. D. 2	Shamokin 17872
10	K-H-K Coal Co. DM	Edward Sorokach	R. D. 2, Box 516	Pottsville 17901
2	Kassa Coal Co. S	Mrs. Mary Kassa	322 Simpson St.	Dupont 18641
3-6	Kerris & Helfrick, Inc. S CP	J. J. Rosinski	Lehigh & Poplar Sts.	Mt. Carmel 17851
12	Kintzel Brothers Coal Co. DM	Nathan Kintzel	R. D.	Pine Grove 17963
10	Klinger Coal Co. DM	Earl Klinger	R. D. 2	Hegins 17938
11	Knorr Coal Co. DM	Leroy Knorr, Jr.		Hegins 17938
4-11-12	Kocher Coal Co., Leon E. S DM B	R. W. Rissinger	P. O. Box 127	Valley View 17983
12	Koppenhaver Coal Co. DM	H. Koppenhaver		Tremont 17981
4	L. C. Enterprises S	Wm. McDonald	R.D. 3, Box 299-A	Pottsville 17901
1-2-3-	Lehigh Valley Anthracite, Inc.	Louis Pagnotti	800 Exeter Ave.	W.Pittston 18643
5-6-9	S bk CP B			
10	Live Oak Coal Co. B	P. Laycheck, Jr.	R. D. 1, Box 84-A	Pottsville 17901
5	Locey Coal Co. B	Fred Locey	P. O. Box 25	Mildred 18632
7	Locust Dale Mining Co., Inc. DM	Fredrick Dando	R. D. 3	Pottsville 17901
11	Lucas Mining Co. DM	Larry Lucas		Hegins 17938
8	M. G. & S. Coal Co. DM	Jos. H. Murin	301 S. Spruce St.	Mt. Carmel 17851
12	M. & L. Enterprises, Inc. bk	W. Lindermuth	P. O. Box 59	Ashland 17921
11	Madenford Coal Co. DM	George Madenford	Joliet	Tremont 17981
9	Maksimik Coal Co. bk	S. Maksimik	435 W. Columbus St.	Shenandoah 17976
7	Malho Coal Co. B	Ralph Malho		Lavelle 17943
9-11	Manbeck Dredging Co., Inc. bk W	Ken R. Heiser	P. O. Box 57	Sch. Haven 17972
6	Marion Mining Co., Inc. DM	M.A. Raczkowski		Girardville 17935
6	Mazaika Brothers Coal Co. B	Edward Mazaika	R. D. 2	Tamaqua 18252
12	Meadowbrook Coal Co. bk W	Leslie Kimmel		Lykens 17048
11	Mercury Coal Co. DM	Leon Richter		Tremont 17981
7	Metzinger Coal Co. DM	Donald Metzinger	Cherry Ave.	Lavelle 17943
10	Miller Coal Co. DM	Jacque Hatter		Hegins 17938
12	Miller Coal Co. DM	Marlin Lahr		Williamstown 17098
5	Minindu Corporation B	Frank Rapaduski	101 S. Main St.	Ashley 18706
3	Minel, Inc. S	Al Korenkiewicz	R. D. 1, Box 141	Shamokin 17872
5	Moosic Coal Co. B	A. Garratano	P. O. Box 702	Moosic 18509
7	Morata Coal Co. DM	Lawrence Morata	1053 Spruce St.	Kulpmont 17834
5	Mountain Coal Co. DM	Thomas Supey	55 W. 6th St.	Wyoming 18644
9	Mountain Side Coal Co. B	Roy Habel	R. D. 3	Tamaqua 18252
10	Mountain Top Coal Co. DM	William Vessay	415 St. Francis St.	Minersville 17954
7	Mountain View Coal Co. DM	William Latsha	R. D. 2, Box 365	Shamokin 17872
3	North Line Coal Co. S	C. Wayne Troxell	P. O. Box L	Shamokin 17872
1-5	Northwest Mining Co., Inc. B S	Francis McAndrew	78 Cottage St.	Carbondale 18407
8	Norwood Mining Co. DM	Elwood Swank		Paxinos 17860
12	Oakwood Coal Co., Inc. B	David Deaven	R. D. 3	Pine Grove 17963
10	Olenick Brothers Coal Co. B	Nicholas Olenick	R. D. 1, Box 117-A	Pottsville 17901
5	Olyphant Premium Anth., Inc. bk CP	Joseph Korba	P. O. Box 282	Olyphant 18477
10	P. & H. Coal Co. DM	Walter Pewor	R. D. 2, Box 550	Pottsville 17901
12	P. & M. Coal Co. DM	Warren Porter		Muir 17957
4	Pacine Coal Co. S	Carl Pacine	Moss Glen Road	Brockton 17925
1	Pasternak Brothers S	J. Pasternak	419 Center St.	Taylor 18517
5	Perry Coal Sales Co. bk CP	Thomas Perry		Avoca 18641
9	Phoenix Contracting Co. bk	Wm. L. Jones, Jr.	P. O. Box 433	Pottsville 17901
11	Pine Creek Coal Co. B	R. F. Klinger		Spring Glen 17978
7	Pine Line Coal Co. DM	Metro Kokoles	426 Water St.	Ranshaw 17866
6	Polcovich Coal Co. DM	John Polcovich	103 E. Center St.	Centralia 17927
5-11	Pollock, Inc., Ken bk	George Sorber	Route 11, Box 13	Hunlock Crk. 18621
5	Popple Brothers bk CP	Raymond Popple	205 Lippi Building	Pittston 18640
6-9	Premium Fine Coal Co. bk CP	John Federak	R. D. 2	Tamaqua 18252
7	R. & L. Coal Co. DM	Donald Metzinger		Lavelle 17943
7	R. & N. Coal Co., Inc. B	Elwood Swank		Paxinos 17860
4	R. R. & G., Inc. S	F. Riccardelli	51 W. Meadow St.	Tremont 17981
3-6	Ranshaw Transportation & Auto Wreckers Co. S W bk	Leonard Chapleski	Box 5	Ranshaw 17866
1	Raymond Colliery Co., Inc. S	Francis McAndrew	78 Cottage St.	Carbondale 18407
3-4-7-	Reading Anthracite Co.	G. A. Schnee	200 Mahantongo St.	Pottsville 17901
8-9-10	S CP B bk			
7	Reidinger Coal Service, Inc. B	C. Wayne Troxell	P. O. Box L	Shamokin 17872
7	Reichwein & Beury Coal Co. B	Harold Reichwein	R. D. 1, Box 261	Ashland 17921
10	Renninger Coal Co. DM	Ted Renninger	37 W. Donaldson St.	Tremont 17981
3-7	Rosini Coal Co. S B	E. J. Rosini	P. O. Box 184	Shamokin 17872
1-5	SBP Coal Co. S CP	Darrell Keihl	131 North McKean St.	Kittanning 16201
12	S. & K. Coal Co. DM	Palmer Klinger		Valley View 17983
9	S. & N. Coal Co. DM	D. M. Skripnek	R. D. 1	New Ringgold 17960
12	S. & T. Coal Co. DM	Peter Poletti		Valley View 17983



District	Operator	General Manager	Address	Zip Code
3-7	Savitski Bros. Coal Co. B DM S	Jos. Savitski	Forest & Mulberry	Atlas 17811
9	Schickram, William bk	Wm. Schickram	130 Clay Street	Tamaqua 18252
12	Schneck Coal Co., Thos. W. B	Thos. W. Schneck	R. D. 1	Pine Grove 17963
4-9-10	Schuykill Contracting Co. bk S	Frank V. Ryan	R. D. 2, Box 360½	Pottsville 17901
7	Scott Coal Co. DM	Steve Forgotch	7 Back Street	Shaft 17975
5	Sebastopol Coal Co., Inc. bk	John Giarratano	P. O. Box 702	Pittston 18640
3	Shally Coal Co. S	S. Shalamanda	R. D. 1	Ashland 17921
7	Shamokin Filler Co., Inc. bk	W. J. Rosini	P. O. Box 272	Shamokin 17872
10	Sharp Mountain Coal Co. DM	Norman Wolf	R. D.	Pine Grove 17963
12	Shomper Coal Co. DM	Russel Shomper		Williamstown 17098
5	Silverbrook Anthracite, Inc. bk B	Ted Kassa	322 Simpson St.	Dupont 18641
9	Silver Creek Coal Co., Inc. B	M. J. Herbert	P. O. Box 516	New Phila. 17959
9	Skytop Coal Co. B	Felix DiCasimiro	P.O.Box 330	Mahanoy City 17948
12	Smeltz Coal Co. DM	Clair Schwalm		Valley View 17983
11	Snyder Coal Co., Leroy DM	Leroy Snyder	R. D. 1	Iykens 17048
9	South Tamaqua Coal Pockets B	Donald H. Warne	R. D. 3	Tamaqua 18252
12	Spancake & Herring Coal Co. DM	Milton Spancake	R. D.	Pine Grove 17963
3-7-8	Split Vein Coal Co., Inc. S B DM	Elwood Swank		Paxinos 17860
12	Strohecker Coal Co. B	Joel Strohecker	R. D. 1	Eliz'ville 17023
10	Studlack Partnership DM	Andrew Studlack		Minersville 17954
5	Sullivan Trail Coal Co. bk	Louis Pagnotti		Exeter 18640
6	Sun Coal Co., Inc. B bk	Wm. J. Farley	P. O. Box 412	Mt. Carmel 17851
8	Sunshine Coal Co. B	Ralph Steinhart	P. O. Box 502	Trevorton 17881
11	Superior Preparation Co., Inc. B	Roy E. Blyler	R. D. 1	Hegins 17938
5	Susquehanna Coal Co. B	Ronald E. Temple		Glen Lyon 18617
4-10	Swatara Coal Co. S B bk	W. P. Parker	Box G	Minersville 17954
7	Swift Coal Sales, Inc. B	Adam Swift, Jr.		Paxinos 17860
8	T. & L. Coal Co. DM	Stephen Shingara	R. D. 3	Sunbury 17801
9	Tracy Coal Co. DM	Michael Dudash	R. D. 3	Pottsville 17901
8	Twin Oaks Coal Co. DM	Leonard Machesic	R. D. 1, Box 249	Paxinos 17860
12	Underkoffler Coal Co. DM	Glen Underkoffler		Williamstown 17098
12	Underkoffler Coal Service, Inc. B	Wayne Swartzlander	Route 209	Lykens 17048
6	United Gas Improvement Corp. bk	George Socher	Rte. 1, Box 13	Hunlock Crk. 18621
4	Valent Coal Co., Inc. S	Frank Valent	360 S. Center St.	Pottsville 17901
4	W. & W. Construction Co. S	Jos. Walacavage	R. D. 1, Box 548	Pottsville 17901
10	Walaitis Coal Co. DM	John Walaitis	40 S. Wylam St.	Frackville 17931
7	West Cameron Coal Co. DM	Ed Lashendock	423 W. Fig St.	Mt. Carmel 17851
4	Williams, Evan & Joy, Edwin, Part. S	Evan Williams	Lake Run	New Phila. 17959
12	Williamson Coal Co., Inc. DM	A. R. Williamson	1504 W. Maple St.	Valley View 17983
12	Wilson Coal Co. DM	Wm. Heitzman		Shamokin 17872
10	Winne Land Co. W	Robert Bickel	R. D. 2, Box 360½	Pottsville 17901
10	Wolfgang Bros. Coal Co. DM	Robert Wolfgang	Main Street (Joliet)	Tremont 17981
10	Woratyla Coal Co. DM	Andrew Woratyla	P. O. Box 2	Llewellyn 17944
9	Zakrewsky Coal Co. DM	Peter Zakrewsky	R. D. 1	Barnesville 18214
7	Zanella Brothers Coal Co. DM	John Zanella	34 Spruce St.	Ashland 17921
12	Zimmerman Coal Co., Marlin DM	Marlin Zimmerman		Ravine 17966

\* \* \* \*

NOTE: DM - Denotes operators having deep mines.  
 S - Denotes operators having strip mines.  
 bk - Denotes operators having bank mines.  
 CP - Denotes Cleaning Plants.  
 B - Denotes Breaker Preparation Plants.  
 T - Tourist Mine



# **BITUMINOUS COAL REGION STATISTICAL REPORTS**





## Production, Employees, Fatalities, 1877 to 1973

Year	Production (Net Tons)*	Stripping Production	Em- ployes	Fatal- ities	Produc- tion Per Fatal- ity	Fatal- ities Per 1000 Em- ployes	Fatal- ities Per 1,000,000 Tons Pro- duced	No. of Mine In- spec- tors
1877	1,305,932	-	16,627	13	100,456	0.78	9.95	3
1878	12,500,741	-	25,787	48	260,432	1.86	3.84	3
1879	14,341,369	-	27,286	55	242,570	2.01	3.84	3
1880	16,564,440	-	33,391	48	345,092	1.43	2.90	3
1881	15,916,123	-	35,530	57	279,230	1.60	3.58	4
1882	20,694,110	-	42,393	94	220,150	2.22	4.54	4
1883	18,729,817	-	35,091	54	346,848	1.54	2.88	6
1884	20,553,090	-	39,904	105	195,744	2.63	5.11	6
1885	23,413,692	-	44,145	83	282,092	1.88	3.54	8
1886	27,107,173	-	52,364	74	366,313	1.41	2.73	8
1887	29,966,855	-	57,868	84	356,748	1.45	2.80	8
1888	33,772,286	-	61,565	90	375,248	1.46	2.66	8
1889	34,625,054	-	62,084	105	329,762	1.69	3.03	8
1890	40,884,103	-	67,383	146	273,179	2.17	3.57	8
1891	41,805,642	-	74,135	237	176,395	3.20	5.67	8
1892	46,581,575	-	78,805	134	347,623	1.70	2.88	8
1893	43,421,898	-	81,872	131	334,015	1.60	3.02	10
1894	39,800,210	-	86,118	123	320,969	1.43	3.09	10
1895	51,818,112	-	84,976	156	332,167	1.84	3.01	10
1896	50,284,692	-	83,801	180	279,359	2.15	3.58	10
1897	54,625,272	-	86,553	150	364,168	1.73	2.75	10
1898	64,247,665	-	87,803	200	321,238	2.28	3.11	10
1899	73,066,945	-	91,505	258	283,205	2.82	3.53	10
1900	79,318,362	-	108,735	265	299,315	2.44	3.34	10
1901	80,914,236	-	117,501	301	268,818	2.56	3.72	12
1902	98,529,122	-	135,611	456	216,072	3.36	4.63	12
1903	103,713,982	-	151,745	402	257,995	2.65	3.88	15
1904	99,600,167	-	155,747	536	185,821	3.44	5.38	15
1905	119,361,514	-	164,941	479	249,189	2.90	4.01	16
1906	129,532,989	-	172,928	477	271,557	2.76	3.68	18
1907	149,559,047	-	183,121	806	185,557	4.40	5.39	20
1908	114,937,375	-	181,840	572	200,939	3.15	4.98	20
1909	136,205,695	-	185,921	506	269,181	2.72	3.71	21
1910	148,770,858	-	193,488	539	276,013	2.79	3.62	21
1911	142,189,329	-	182,653	515	276,096	2.82	3.62	25
1912	160,830,492	-	182,642	446	360,606	2.44	2.77	26
1913	172,965,659	-	189,909	611	283,086	3.22	3.53	28
1914	145,884,530	-	196,038	413	353,231	2.11	2.83	28
1915	157,420,068	-	187,734	442	356,154	2.35	2.81	30
1916	169,123,814	-	174,304	436	387,899	2.50	2.58	30
1917	171,074,411	-	186,586	494	346,304	2.65	2.89	30
1918	177,217,294	-	181,678	494	358,739	2.72	2.79	30
1919	147,085,781	-	180,831	401	366,797	2.22	2.73	30
1920	166,929,002	-	184,168	424	393,700	2.30	2.54	30
1921	114,447,134	-	200,419	284	402,983	1.42	2.48	30
1922	108,310,046	-	194,630	424	255,448	2.18	3.91	30
1923	169,181,137	-	200,538	401	421,898	2.00	2.37	30
1924	128,751,028	-	174,469	345	373,191	1.98	2.68	30
1925	135,266,612	-	165,586	312	433,547	1.88	2.31	30
1926	151,746,464	-	164,782	421	360,443	2.55	2.77	30
1927	131,644,922	-	158,204	355	370,831	2.24	2.70	30
1928	129,846,153	-	137,944	508	255,603	3.68	3.91	30
1929	142,351,359	-	135,272	378	376,591	2.79	2.66	30
1930	123,417,850	-	133,703	296	416,952	2.21	2.40	30
1931	96,844,250	-	119,265	208	465,597	1.74	2.15	30
1932	74,162,485	-	106,597	155	478,468	1.45	2.09	30
1933	78,511,846	-	116,917	135	581,569	1.15	1.72	26
1934	89,592,481	-	127,868	157	570,653	1.23	1.75	26
1935	91,140,273	-	129,346	161	566,089	1.24	1.77	26
1936	108,964,865	-	133,914	190	573,499	1.42	1.74	26
1937	110,417,947	-	133,487	186	593,645	1.39	1.68	25

Year	Production (Net Tons)*	Stripping Production	Em- ployes	Fatal- ities	Produc- tion Per Fatal- ity	Fatal- ities Per 1,000 Em- ployes	Fatal- ities Per 1,000,000 Tons Pro- duced	No. of Mine In- spec- tors
1938	76,881,944	-	115,347	119	646,067	1.03	1.55	25
1939	89,397,222	2,792,966	117,959	120	744,977	1.02	1.34	25
1940	111,416,916	2,808,607	117,832	188	592,643	1.60	1.69	25
1941	127,469,207	6,479,207	124,941	166	767,887	1.33	1.30	23
1942	142,759,573	10,303,160	115,451	187	763,420	1.62	1.31	27
1943	139,801,363	17,177,054	105,903	178	785,401	1.68	1.27	26
1944	144,408,418	22,211,661	99,942	164	880,539	1.64	1.14	25
1945	130,696,854	26,675,095	98,764	141	926,928	1.43	1.08	27
1946	123,587,065	31,027,425	103,894	128	965,524	1.23	1.04	27
1947	144,761,964	35,946,734	109,202	134	1,080,313	1.23	0.93	27
1948	130,627,789	33,483,099	110,326	114	1,145,857	1.03	0.87	27
1949	87,351,892	21,326,389	100,119	65	1,343,875	0.65	0.74	29
1950	103,439,887	25,460,343	94,514	83	1,246,264	0.88	0.80	29
1951	106,680,097	22,688,543	86,369	70	1,524,011	0.81	0.66	28
1952	87,308,999	19,462,498	76,676	63	1,385,857	0.82	0.72	30
1953	91,938,156	19,538,037	69,126	67	1,372,211	0.97	0.73	30
1954	70,823,985	16,954,885	55,405	44	1,609,636	0.79	0.62	29
1955**	85,042,677	19,212,869	52,103	50	1,700,854	0.96	0.59	27
1956	88,595,658	21,694,916	50,529	51	1,737,170	1.01	0.58	26
1957	84,064,493	20,558,733	46,989	53	1,586,123	1.13	0.63	30
1958	67,398,564	19,548,293	41,309	32	2,106,205	0.77	0.47	31
1959	65,627,585	20,506,999	37,337	35	1,875,074	0.94	0.53	31
1960	65,595,999	21,028,887	33,396	26	2,522,923	0.78	0.40	29
1961	63,171,313	20,892,758	29,633	22	2,871,423	0.74	0.35	26
1962	65,648,015	22,235,984	27,264	59	1,112,678	2.16	0.90	28
1963	71,258,957	24,233,668	26,216	21	3,393,284	0.80	0.29	30
1964	77,321,793	24,019,760	26,008	18	4,295,655	0.69	0.23	30
1965	80,119,548	23,681,102	25,206	33	2,427,865	1.31	0.41	32
1966	81,449,647	24,701,150	24,729	28	2,908,916	1.13	0.34	33
1967	79,101,385	21,729,033	23,811	27	2,929,681	1.13	0.34	33
1968	75,714,611	20,512,477	23,117	29	2,610,849	1.25	0.38	33
1969	78,185,036	21,652,731	22,969	25	3,127,401	1.09	0.32	33
1970	80,091,922	24,161,015	24,667	30	2,669,731	1.21	0.37	42
1971	71,776,681	26,861,508	26,549	32	2,243,021	1.21	0.45	42
1972	75,863,137	25,717,040	25,627	19	3,992,797	0.74	0.25	45
1973	76,796,661	29,326,629	26,722	17	4,517,450	0.64	0.22	45

\* Includes stripping production.

\*\* In 1955, and subsequent years, the production, employees and fatalities of deep mines employing fewer than five (5) persons inside are included in the Division totals.

BITUMINOUS COAL REGION  
PRODUCTION OF COAL, EMPLOYES AND FATALS BY COUNTY

1973

County	Deep Production	Strip Production	Auger Production	Refuse Production	Total Production	Deep Employees	Strip Employees	Auger Employees	Refuse Employees	Tipple and Plant Employees	Total Employees	Fa- tals	Production Per Fatal	Total Number of Mines	Number of Refuse Files	Total No. of Tipple & Preparation Plants
Allegheny	3,646,054	592,802	-	36,408	4,275,264	1,311	96	-	18	85	1,510	1	4,275,264	17	2	4
Armstrong	4,136,755	2,609,570	75,667	-	6,821,992	1,289*	372	29	-	109	1,799	-	-	113	-	15
Beaver	126,082	11,918	-	-	138,000	53	7	-	-	11	71	-	-	3	-	2
Bedford	-	322	-	-	875	3	2	-	-	-	5	-	-	2	-	-
Blair	-	57,373	-	-	57,373	-	8	-	-	-	8	-	-	1	-	-
Bradford	52,082	40	-	-	52,122	1	-	-	-	-	1	-	-	1	-	-
Butler	6,063,233	988,996	98,845	-	7,151,074	101	287	14	-	39	441	1	-	51	-	10
Centre	468,512	1,071,955	-	583,809	7,718,997	3,562	204	-	29	354	4,119	2	3,859,498	53	5	17
Clarion	-	477,591	-	-	948,103	144	76	-	-	68	288	-	-	16	-	5
Clearfield	709,333	5,151,871	16,905	-	5,168,776	-	697	3	-	141	841	-	-	91	-	10
Clinton	-	5,746,170	13,547	-	6,469,050	213	1,075	6	-	160	1,454	-	-	188	-	20
Elk	-	465,957	-	-	465,957	-	76	-	-	4	90	-	-	12	-	3
Fayette	770,925	594,892	26,004	-	620,896	-	94	10	-	4	108	-	-	28	-	1
Greene	8,232,313	1,314,403	4,293	10,989	2,100,610	321**	244	6	9	229	809	-	-	78	2	9
Indiana	7,329,685	435,531	-	-	8,667,844	3,313	89	-	-	200	3,602	2	4,333,922	33	-	3
Jefferson	70,784	1,665,333	37,385	-	9,032,403	3,343	288	12	-	144	3,787	1	9,032,403	95	-	10
Lawrence	-	1,394,605	19,224	-	1,481,613	28	248	12	-	49	337	-	-	56	-	12
Letcher	-	519,204	10,492	-	529,696	-	110	3	-	6	119	-	-	20	-	1
Lycoming	-	132,315	-	-	132,315	-	22	-	-	10	32	-	-	3	-	1
Mercer	-	241,304	-	-	241,304	-	24	-	-	17	41	-	-	5	-	5
Somerset	1,343,482	2,890,527	5,752	198,156	4,437,917	609	590	6	6	207	1,418	6	739,652	114	2	20
Tioga	-	575,992	-	-	575,992	-	91	-	-	14	105	-	-	7	-	1
Venango	-	440,928	-	-	440,928	-	65	-	-	4	69	-	-	12	-	1
Washington	12,127,909	1,307,795	-	-	13,435,704	4,237	224	-	-	349	4,810	5	2,687,140	55	-	7
Westmoreland	1,249,668	639,044	3,305	2,072	1,894,089	556	203	2	14	53	828	-	-	48	1	3
REGION TOTAL	46,327,179	29,326,629	311,419	831,434	76,796,661	19,084	5,192	103	76	2,267	26,722	17	4,517,450	1,102	12	160

\* Includes 38 coke employees

\*\* Includes 10 coke employees



SUMMARY OF BITUMINOUS COAL MINES, PRODUCTION AND FATALITIES BY DISTRICT  
1973

District	Inspector	Number of Operators	Number of Deep Mines	Number of Strip Mines	Number of Auger Mines	Number of Refuse Piles	Number of Pre-ration Plants	Total of Operations	Number of Gas-ous Mines	Number of Non-Gas-ous Mines	Number of Deep Mines	Number of Strip Mines	Number of Auger Mines	Number of Refuse Piles	Number of Pre-ration Plants	Number of Employees	Production	Auger Mined	Refuse Production	Total Production	No. of Fatal Accidents Per Fatal Accidents	No. of Non-Fatal Accidents
1	W. H. Hixon	20	4	-	-	-	19	23	2	2	369	-	-	-	91	460	628,156	-	-	628,156	-	4
2	W. H. Hixon, Acting	1	1	-	-	-	-	1	1	1	14	-	-	-	-	14	27,000	-	-	27,000	-	-
3	P. H. Ryatt	2	5	-	-	-	1	6	5	5	1,740	-	-	-	113	1,883	3,986,068	-	-	3,986,068	-	54
4	E. C. Urbay	6	11	-	-	-	1	12	7	4	671	-	-	-	20	691	1,818,972	-	-	1,818,972	-	19
5	F. J. Shoaf	2	3	-	-	-	2	5	3	3	829	-	-	-	58	889	2,195,704	-	2,925	2,198,629	-	12
6	Joseph Reggiani	2	3	-	-	-	2	5	3	3	992	-	-	-	130	1,122	4,138,024	-	-	4,138,024	-	7
7	S. A. Fredrick	3	5	-	-	-	3	8	4	1	1,649	-	-	-	111	1,790	4,374,084	-	-	4,374,084	-	12
8	G. M. Hovanic	4	3	-	-	-	3	7	3	3	1,065	-	-	-	198	1,263	3,987,128	-	-	3,987,128	-	36
9	J. F. Moody	26	5	-	-	-	27	30	3	3	133	-	-	-	223	356	430,781	-	-	430,781	-	12
10	C. F. Kelly	5	6	-	-	-	4	10	4	4	1,036	-	-	-	41	1,077	3,371,702	-	-	3,371,702	-	125
11	J. C. Panchura	8	7	-	-	-	5	12	3	4	487	-	-	-	40	53	1,674,352	-	-	1,674,352	-	28
12	J. M. Hunter	7	7	-	-	-	3	10	3	4	546	-	-	-	53	599	1,230,597	-	-	1,230,597	-	7
13	J. M. Muchnok	12	7	-	-	-	9	15	3	1	713**	-	-	-	9	813	1,765,797	-	-	1,765,797	-	17
14	J. B. Boback, Acting	19	10	-	-	-	17	27	1	10	81	-	-	-	67	1,108	273,048	-	10,989	1,776,786	-	11
15	A. S. Gillingham	13	11	-	-	-	3	14	1	1	704	-	-	-	28	732	1,362,998	-	-	1,362,998	-	74
16	L. D. Kimmel	2	4	-	-	-	2	6	3	3	723	-	-	-	75	798	1,727,852	-	-	1,727,852	-	105
17	William Garay	21	6	-	-	-	21	27	3	6	250	-	-	-	228	478	862,234	-	-	862,234	-	36
18	A. L. Shank	4	6	-	-	-	2	8	3	3	840	-	-	-	79	919	1,570,255	-	-	1,570,255	-	207
19	Lawrence Jones	4	5	-	-	-	2	7	4	2	1,526	-	-	-	46	1,572	2,399,664	-	-	2,399,664	-	187
20	Eno Chellini	2	3	-	-	-	1	4	2	1	551	-	-	-	10	561	693,276	-	-	693,276	-	12
21	E. H. Peuley	8	7	-	-	-	8	18	4	3	681	-	-	-	20	101	1,289,522	-	508,976	1,798,498	-	20
22	Michael Phillips	18	17	-	-	-	6	23	1	16	305	-	-	-	60	365	442,388	-	-	442,388	-	16
23	W. L. Reynolds	17	5	-	-	-	14	19	2	5	134	-	-	-	117	281	583,008	-	-	583,008	-	19
24	A. E. Valeri	3	3	-	-	-	3	6	2	2	1,039	-	-	-	126	1,165	1,904,869	-	-	1,904,869	-	100
25	R. E. Fulton	4	4	-	-	-	1	5	2	2	795	-	-	-	6	801	2,028,268	-	-	2,028,268	-	104
26	A. M. Pawlosky	4	4	-	-	-	2	6	3	1	1,211	-	-	-	65	1,276	3,561,432	-	-	3,561,432	-	11
30	M. A. Urey	21	-	43	10	-	-	53	-	311	-	-	-	-	325	-	1,230,300	98,845	-	1,329,145	-	6
31	Herbert Strum	8	-	20	2	-	-	22	-	117	-	-	-	-	120	-	531,122	10,492	-	541,614	-	5
32	William Cherry	27	-	56	-	-	-	56	-	313	-	-	-	-	313	-	1,743,326	-	-	1,743,326	-	7
33	J. A. King	38	-	73	2	-	-	75	-	244	-	-	-	-	250	-	1,311,403	4,293	-	1,315,696	-	2
34	William Gray	31	-	46	1	2	-	49	-	299	-	-	-	-	331	-	1,231,846	3,305	35,555	1,270,706	-	13
35	B. C. Snyder	40	-	88	13	-	-	101	-	372	-	-	-	-	401	-	2,609,570	75,667	-	2,685,237	-	6
36	C. Speelman/A. Colberg	25	-	85	1	-	-	86	-	669	-	-	-	-	672	-	4,899,802	16,905	-	4,916,707	-	12
37	Virgil Ordway	9	-	17	-	-	-	17	-	93	-	-	-	-	93	-	692,997	-	-	692,997	-	3
38	Theodore Castner	27	-	49	4	-	-	53	-	281	-	-	-	-	263	-	1,403,079	19,224	-	1,422,303	-	6
39	John Serian	26	-	62	6	-	-	68	-	287	-	-	-	-	299	-	1,664,183	37,385	-	1,701,568	-	4
40	Paul Serfass, Acting	24	-	55	-	-	-	56	-	363	-	-	-	-	366	-	1,705,827	17,117	17,117	1,723,974	-	10
41	J. E. Moore	21	-	37	2	1	-	40	-	227	-	-	-	-	236	-	1,183,700	5,752	181,009	1,370,461	-	7
42	James Wise	16	-	33	-	-	-	35	-	214	-	-	-	-	223	-	1,129,881	74,833	74,833	1,204,714	-	6
43	Charles Hicks	18	-	46	4	-	-	50	-	259	-	-	-	-	265	-	1,469,863	13,547	-	1,483,410	-	3
44	N. F. Linberg	28	-	55	-	-	-	55	-	339	-	-	-	-	339	-	1,821,398	-	-	1,821,398	-	2
45	Wayne Morrison	26	-	77	-	-	-	77	-	475	-	-	-	-	475	-	2,447,585	-	-	2,447,585	-	11
46	G. L. Tamburlin, Acting	19	-	36	4	-	-	40	-	170	-	-	-	-	180	-	1,080,849	26,004	-	1,106,853	-	3
47	B. C. Putnam	13	-	25	-	-	-	25	-	189	-	-	-	-	189	-	1,185,898	-	-	1,185,898	-	8
TOTAL		636#	150	903	49	12	160	1,274	66	84	19,084	5,192	103	76	2,267	26,722	46,327,179	311,419	831,434	76,796,661	17	4,517,450

NOTE: \* - Includes 38 coke employees  
\*\* - Includes 10 coke employees  
# - Due to companies operating in more than 1 district, the actual number of bituminous deep mine operators is 455, including 343 companies operating strip end auger mines, and 8 companies operating refuse piles.



PRODUCTION OF COAL AND COKE - NET TONS

1973

District	By Rail	Shipped to Market By Water	By Truck	Coal used Locally for Domestic Purposes	Coal Used in the Manufacture Of Coke	Total Production	Total Coke Production	Average Days Worked	Number of Employees	Fatal Accidents	Nonfatal Accidents
1	583,483	-	39,794	4,879	-	628,156	-	200	460	-	4
2	-	-	27,000	-	-	27,000	-	113	34	-	-
3	-	3,982,047	-	4,021	-	3,986,068	-	113	1,883	-	54
4	-	1,719,019	-	4,244	-	1,818,972	-	226	691	-	19
5	1,420,841	678,951	95,709	4	-	2,198,629	-	237	889	1	12
6	1,662,886	2,048,589	426,549	-	-	4,138,024	-	242	1,122	4	7
7	2,286,694	2,084,653	3	2,734	-	4,374,084	-	257	1,790	1	32
8	-	1,986,493	-	635	-	1,987,128	-	244	1,263	-	36
9	256,402	-	174,379	-	-	430,781	-	242	356	-	12
10	271,800	-	2,885,991(a)	-	213,562	3,371,702	167,298	227	1,077	-	125
11	534,059	-	1,138,957	1,336	-	1,674,352	-	204	527	-	28
12	1,099,933	-	127,417	3,247	-	1,230,597	-	201	599	-	7
13	2,180	1,759,263	9,138	6,205	-	1,776,786	21,049	185	118	1	17
14	196,385	-	74,264	2,399	-	273,048	-	223	732	-	11
15	378,171	-	982,489	2,338	-	1,362,998	-	237	798	-	74
16	-	-	1,727,852(b)	-	-	1,727,852	-	238	478	-	105
17	468,512	-	393,682	40	-	862,234	-	228	919	-	36
18	1,342,007	-	199,156	29,092	-	1,570,255	-	229	1,572	-	207
19	2,387,049	-	-	12,615	-	2,399,664	-	258	561	1	187
20	378,159	-	-	1,885	313,232	693,276	-	247	802	1	20
21	886,221	-	911,275	1,002	-	1,798,498	-	228	365	1	16
22	328,767	-	87,382	26,239	-	442,388	-	235	281	2	19
23	575,309	-	2,594	5,105	-	583,008	-	247	1,165	1	100
24	1,624,731	-	280,123	15	-	1,904,869	-	233	801	1	104
25	-	-	2,028,268(c)	-	-	2,028,268	-	260	1,276	1	11
26	2,002,719	1,495,442	63,041	230	-	3,561,432	-	202	325	-	6
30	338,553	-	978,980	11,612	-	1,329,445	-	264	120	-	5
31	-	-	465,213	76,401	-	541,614	-	206	313	-	7
32	49,076	81,468	1,341,919	270,863	-	1,743,326	-	203	250	-	2
33	72,028	520,808	720,882	4,978	-	1,318,696	-	178	331	-	13
34	33,407	-	1,213,291	24,008	-	1,270,706	-	221	401	-	6
35	976,356	-	1,656,732	47,720	4,429	2,685,237	-	196	672	-	12
36	3,837,502	-	1,070,940	8,265	-	4,916,707	-	230	93	-	3
37	16,171	-	676,822	4	-	692,997	-	240	263	-	6
38	1,127,318	-	287,111	7,874	-	1,422,303	-	198	299	-	4
39	871,723	-	829,845	-	-	1,701,568	-	251	366	2	10
40	1,105,813	-	556,702	61,459	-	1,723,974	-	232	236	-	7
41	230,740	-	1,114,653	25,068	-	1,370,461	-	254	223	-	6
42	799,953	-	404,661	100	-	1,204,714	-	251	265	-	3
43	1,110,790	-	364,919	7,701	-	1,483,410	-	251	339	-	2
44	395,346	-	1,395,588	30,464	-	1,821,398	-	263	475	-	11
45	1,495,135	-	951,429	1,021	-	2,447,585	-	241	180	-	3
46	492,395	-	593,793	665	-	1,086,853	-	241	189	-	8
47	158,350	-	1,001,203	26,345	-	1,185,898	-	235	26,722	17	1,349
TOTAL	31,796,964	16,356,733	27,398,579(d)	713,162	531,223	76,796,661	188,347	235	26,722	17	1,349

NOTE: (a) 2,885,991 tons transported by conveyor belt  
 (b) 1,693,119 tons transported by conveyor belt  
 (c) 1,847,981 tons transported by conveyor belt  
 (d) 6,427,091 tons transported by conveyor belt

SUMMARY OF BITUMINOUS COAL EMPLOYEES--1973

District	INSIDE EMPLOYEES										OUTSIDE EMPLOYEES					Total Inside and Outside
	Hand Loaded Mining															
	Shot Firers	Pick Miners	Cutting Machine Operators	Machine		Mechanical Loading	All	Others	Total Inside	Super- Inten- dents Foreman & Clerks	Coke	All Others	Total Outside			
				Hand Loading Miners												
1	-	-	-	-	129	150	-	279	51	-	130	181	460			
2	-	-	-	-	11	-	-	11	1	-	2	3	14			
3	-	-	-	-	643	781	-	1,424	165	-	294	459	1,883			
4	6	-	2	-	191	340	-	539	34	-	118	152	691			
5	-	-	-	-	332	424	-	756	29	-	104	133	889			
6	-	-	-	-	387	543	-	930	17	-	175	192	1,122			
7	-	-	1	-	556	825	-	1,383	126	-	281	407	1,790			
8	-	-	-	-	845	-	-	845	105	-	313	418	1,263			
9	-	-	-	-	77	25	-	102	28	-	226	254	356			
10	-	-	-	-	932	-	-	932	42	38	65	145	1,077			
11	-	-	-	-	368	47	-	415	48	-	64	112	527			
12	-	4	3	1	203	244	-	455	27	-	117	144	599			
13	1	2	-	-	453	179	-	635	71	10	97	178	813			
14	1	1	3	8	52	-	-	65	18	-	65	83	148			
15	-	-	24	1	589	-	-	614	58	-	60	118	732			
16	-	-	12	-	580	-	-	592	114	-	92	206	798			
17	-	1	-	4	204	18	-	223	39	-	216	255	478			
18	-	-	-	-	504	259	-	767	10	-	142	152	919			
19	-	-	-	-	1,157	157	-	1,314	26	-	232	258	1,572			
20	-	-	-	3	334	136	-	473	18	-	70	88	561			
21	-	-	-	4	491	65	-	560	75	-	167	242	802			
22	2	2	11	36	133	82	-	266	22	-	77	99	365			
23	-	2	-	-	106	-	-	108	39	-	134	173	281			
24	-	-	-	1	571	372	-	944	38	-	183	221	1,165			
25	-	2	6	-	564	135	-	707	50	-	44	94	801			
26	3	-	3	-	737	264	-	1,007	134	-	135	269	1,276			
30	-	-	-	-	-	-	-	-	55	-	270	325	325			
31	-	-	-	-	-	-	-	-	16	-	104	120	120			
32	-	-	-	-	-	-	-	-	39	-	274	313	313			
33	-	-	-	-	-	-	-	-	54	-	196	250	250			
34	-	-	-	-	-	-	-	-	51	-	331	331	331			
35	-	-	-	-	-	-	-	-	69	-	332	401	401			
36	-	-	-	-	-	-	-	-	82	-	590	672	672			
37	-	-	-	-	-	-	-	-	15	-	78	93	93			
38	-	-	-	-	-	-	-	-	41	-	222	263	263			
39	-	-	-	-	-	-	-	-	35	-	264	299	299			
40	-	-	-	-	-	-	-	-	47	-	319	366	366			
41	-	-	-	-	-	-	-	-	33	-	203	236	236			
42	-	-	-	-	-	-	-	-	24	-	199	223	223			
43	-	-	-	-	-	-	-	-	25	-	240	265	265			
44	-	-	-	-	-	-	-	-	51	-	288	339	339			
45	-	-	-	-	-	-	-	-	56	-	419	475	475			
46	-	-	-	-	-	-	-	-	26	-	154	180	180			
47	-	-	-	-	-	-	-	-	20	-	169	189	189			
TOTAL	13	14	65	59	11,149	5,046	-	16,346	2,124	48	8,204	10,376	26,722			

## OPERATORS PRODUCING OVER 400,000 TONS OF DEEP MINED COAL DURING 1973

District	Operator	Deep Production	Deep Employees
7,19,20,21,24,26	Bethlehem Mines Corporation	6,229,514	3,231
3,7,13	United States Steel Corporation	5,068,064	2,124
5,6,12,26	Pittsburgh Coal Company	3,805,631	1,122
10	Rochester & Pittsburgh Coal Company	2,885,991	837
1,5,8,12	Republic Steel Corporation	2,481,496	1,050
18,24	Barnes & Tucker Company	2,378,107	1,162
8,13	Jones & Laughlin Steel Corporation	2,145,234	1,035
6	Mathies Coal Company	2,035,869	477
15,16	The Florence Mining Company	1,723,510	852
4	Duquesne Light Company	1,652,725	504
19	Greenwich Collieries Company	1,590,470	925
26	Gateway Coal Company	1,432,401	510
25	Helvetia Coal Company	1,241,146	389
3	The Buckeye Coal Company	1,114,100	411
5	Harmar Coal Company	730,452	323
16,25	North American Coal Corporation, The	726,348	218
12,19	Eastern Associated Coal Corporation	661,208	318
13	National Mines Corporation	655,702	234
11	Canterbury Coal Company	617,477	127
25	The Helen Mining Company	606,835	350
21	Island Creek Coal Company	574,825	323
11	Penn Allegh Coal Company, Inc.	500,000	97
17	Rushton Mining Company	468,512	144
11	Tunnelton Mining Company	419,797	152

## BITUMINOUS COAL REGION

## OPERATORS PRODUCING OVER 200,000 TONS OF STRIP COAL DURING 1973

District	Operator	Strip Production	Strip Employees
36	C. & K. Coal Company	2,372,171	339
39,42,43,44,45	Benjamin Coal Company	1,121,505	164
36	Vantage Coal Corporation	812,901	30
42,43,45,47	Kristianson & Johnson Coal Company	596,541	76
47	Jones & Bague Mining Company	574,832	89
35	Rochester & Pittsburgh Coal Company	523,421	31
44,45	Bradford Coal Company, Inc.	476,370	53
32	Twilight Industries	475,016	47
33	Luzerne Coal Corporation	468,412	52
35,39,42	North Cambria Feul Company	457,985	80
38,43,46	P & N Coal Company, Inc.	433,161	77
42	Cooney Brothers Coal Company	427,600	62
30,35	B & G Construction Co., Inc.	402,443	24
34	Aloe Coal Company	385,298	63
34,39	Old Home Manor, Inc.	358,054	49
43,45	Shawville Coal Company	356,240	89
40,41	PBS Coals, Inc.	337,825	93
45,46,47	R. S. Carlin, Inc.	333,761	35
36	Allison Engineering Company	330,855	64
35,38	R. D. Baughman Coal Company, Inc.	329,807	46
40	Penn Pochontas Coal Company	304,362	54
43,45	Hepburnia Coal Company	278,264	28
44	Hamilton Contracting Company, Al	270,666	32
32	Pennweir Construction Co.	267,259	55
36,38	W. P. Stahlman Coal Company, Inc.	237,985	58
36	Zacherl Coal Company, Inc.	235,673	17
32	Bologna Mining Company	231,982	52
35	Nicholson Run Coal Company	229,259	11
43	Simca Mining Company	227,950	32
34,39	Hawk Brothers Contracting Company	221,394	23
40	Svonavec, Inc.	206,241	29
44,45	River Hill Coal Company, Inc.	206,030	40
35,36	Dean Contractor, Ernest C.	200,570	52

County	INSIDE			OUTSIDE			TOTAL
	:	Trans-	Ma-	:	Trans-	Ma-	
	: Roof	port-	chin-	:	port-	chin-	
	: Falls	ation	ery	:	ation	ery	:
Allegheny	-	-	-	-	-	1	1
Armstrong	-	-	-	-	-	-	-
Beaver	-	-	-	-	-	-	-
Blair	-	-	-	-	-	-	-
Bradford	-	-	-	-	-	-	-
Butler	-	-	-	-	-	-	-
Cambria	1	-	-	-	-	1	2
Centre	-	-	-	-	-	-	-
Clarion	-	-	-	-	-	-	-
Clearfield	-	-	-	-	-	-	-
Clinton	-	-	-	-	-	-	-
Elk	-	-	-	-	-	-	-
Fayette	-	-	-	-	-	-	-
Greene	1	1	-	-	-	-	2
Indiana	-	1	-	-	-	-	1
Jefferson	-	-	-	-	-	-	-
Lawrence	-	-	-	-	-	-	-
Lycoming	-	-	-	-	-	-	-
Mercer	-	-	-	-	-	-	-
Somerset	2	1	-	1	-	2	6
Tioga	-	-	-	-	-	-	-
Venango	-	-	-	-	-	-	-
Washington	1	3	1	-	-	-	5
Westmoreland	-	-	-	-	-	-	-
TOTAL	5	6	1	1	2	2	17



BITUMINOUS FATAL ACCIDENT VICTIMS--1973

Dis- trict	Name of Victim	Victim's Address	Company	Mine	Date of Accident	Cause of Accident
13	Wallace S. Meyers, Jr.	Clarksville	Jones & Laughlin Steel Corp.	Shamopin	Mar. 7	Fall of Roof
26	Charles V. Robinson	Clarksville	Gateway Coal Company	Gateway	Apr. 27	Transportation(Inside)
6	John Gech	Daisytown	Mathies Coal Company	Mathies	May 3	Machinery (Inside)
21	Ronald J. Waterman	Johnstown	Island Creek Coal Company	Bird No. 2	May 10	Fall of Roof
19	Anthony J. Iarese	Ebensburg	Eastern Associated Coal Corp.	Colver	June 11	Fall of Roof
6	Andrew Kowalcher	Meadow Lands	Mathies Coal Company	Mathies	June 15	Fall of Roof
22	James N. Phillips	Carmichaels	R. G. Johnson, Contractor for Consolidation Coal Company	Laurel	June 25	Transportation(Inside)
5	Julius Myers	Glenshaw	Harmar Coal Company	Harmar	July 19 (Injured (Died	Machinery(Outside)
23	Joseph H. Dodson	Somerset	M. F. Fetterolf Coal Company, Inc.	No. 1 Tipple	July 21	Transportation(Outside)
23	Frank M. Hamtec	Boswell	G. M. & W. Coal Company, Inc.	Grove No. 1	July 30	Rib Fall
7	Thomas R. Lewis	Fairchance	United States Steel Corporation	Maple Creek	Aug. 11	Transportation(Inside)
40	Galen R. Zerfoss	Somerset	P.B.S. Coals, Inc.	Strip Permit No. 222-20	Aug. 27	Stripping
25	Metro J. Misko	Dicksonville	Helvetia Coal Company	Lucerne No. 6	Aug. 28	Transportation(Inside)
40	James Flickinger	Somerset	Cardinal Mining Company	Strip Permit No. 618-4	Sep. 15	Stripping
24	Clair V. Bunn	Sidman	Ace Drilling Coal Co., Inc.	Loading Dock	Sep. 25	Machinery (Outside)
6	James McCall	Elizabeth	Mathies Coal Company	Mathies	Oct. 11	Transportation(Inside)
6	Charles Duke	South View	Pittsburgh Coal Company	Montour No. 4	Oct. 18 (Injured (Died	Transportation(Inside)

BITUMINOUS COAL  
ACCIDENTS IN WHICH FIVE OR MORE PERSONS WERE KILLED

1884--1973

Date	Date	Mine	Operator	Location of Mine	Falls of Roof	Suf- foca- tion	Mine cars	Explo- sions of gas and dust	Explo- sions of dust	Explo- sives	Mine fires	Falling down shafts
1884, Feb. 20	1884, Feb. 20	West Leisenring	Connellsville Coke & Iron Co.	West Leisenring	-	-	-	19	-	-	-	-
1885, Oct. 27	1885, Oct. 27	Youngstown	Youngstown Coke Co., Ltd.	Uniontown	-	-	-	14	-	-	-	-
1888, Nov. 3	1888, Nov. 3	Kettle Creek	Kettle Creek Coal Company	(near) Cook's Run	-	-	-	17	-	-	-	-
1890, June 16	1890, June 16	Hill Farm	Dunbar Furnace Company	Dunbar	-	-	-	-	-	-	31	-
1891, Jan. 27	1891, Jan. 27	Mummoth	H. C. Frick Coke Company	Mount Pleasant	-	-	-	109	-	-	-	-
1896, Mar. 27	1896, Mar. 27	Berwind	Berwind-White Coal Mining	Dubois	-	-	-	13	-	-	-	-
1898, Sep. 23	1898, Sep. 23	Empire	Empire Coal Company	Brownsville	-	-	-	8	-	-	-	-
1899, July 24	1899, July 24	Grindstone	Redstone Oil, Coal & Coke Co.	Grindstone	-	-	-	5	-	-	-	-
1899, Dec. 23	1899, Dec. 23	Sumner	Pittsburgh & Erie Coal Co.	Sumner	-	-	-	19	-	-	-	-
1901, June 10	1901, June 10	Port Royal No. 2	Pittsburgh Coal Company	Port Royal	-	-	-	19	-	-	-	-
1902, Mar. 6	1902, Mar. 6	Catsburg	Monongahela River Consolidated Coal & Coke Company	Monongahela	-	-	-	5	-	-	-	-
1902, July 10	1902, July 10	Rolling Mill	Cambria Steel Company	Johnstown	-	-	-	112	-	-	-	-
1903, Nov. 21	1903, Nov. 21	Ferguson	Dunbar Furnace Company	Connellsville	-	-	-	17	-	-	-	-
1904, Jan. 25	1904, Jan. 25	Harwick	Allegheny Coal Company	Cheswick	-	-	-	179	-	-	-	-
1905, Apr. 27	1905, Apr. 27	Eleonora Shaft	Rochester & Pittsburgh Coal Co.	Dubois	-	-	-	13	-	-	-	-
1905, July 6	1905, July 6	Fuller	Taylor Coal Company	Searight	-	-	-	6	-	-	-	-
1905, Oct. 13	1905, Oct. 13	Clyde	Clyde Coal Company	Fredericktown	-	-	-	-	-	-	6	-
1905, Oct. 29	1905, Oct. 29	Hazel Kirk No. 2	Pittsburgh & Westmd. Coal Co.	Monongahela	-	-	-	5	-	-	-	-
1905, Nov. 15	1905, Nov. 15	Braznell	Braznell Coal Company	Bentleyville	-	-	-	6	-	-	-	-
1906, Oct. 24	1906, Oct. 24	Rolling Mill	Cambria Steel Company	Johnstown	-	-	-	7	-	-	-	-
1907, Aug. 17	1907, Aug. 17	Sorman Shaft	Sorman Shaft Coal Company	Sorman	-	-	-	-	-	-	-	5
1907, Dec. 1	1907, Dec. 1	Nacmi	United Coal Company	Payette City	-	-	-	34	-	-	-	-
1907, Dec. 19	1907, Dec. 19	Darr	Pittsburgh Coal Company	Jacobs Creek	-	-	-	239	-	-	-	-
1908, Nov. 28	1908, Nov. 28	Rachel and Agnes	Pittsburgh - Buffalo Company	Marianna	-	-	-	154	-	-	-	-
1909, Jan. 25	1909, Jan. 25	Orenda	Merchants Coal Company	Roswell	-	-	-	5	-	-	-	-
1909, Apr. 9	1909, Apr. 9	Eureka No. 37 Upper	Berwind-White Coal Mining Co.	Windber	-	-	-	-	-	7	-	-
1909, June 23	1909, June 23	Lackawanna No. 4	Lackawanna Coal & Coke Co.	Wehrum	-	-	-	21	-	-	-	-
1909, Oct. 31	1909, Oct. 31	Franklin No. 2	Cambria Steel Company	Johnstown	-	-	-	13	-	-	-	-
1910, Feb. 5	1910, Feb. 5	Ernest No. 2	Jefferson & Clearfield Coal & Iron Company	Ernest	-	-	-	11	-	-	-	-
1911, Mar. 22	1911, Mar. 22	Hazel	Pittsburgh-Buffalo Co.	East Canonsburg	9	-	-	-	-	-	-	-
1911, July 15	1911, July 15	Sykesville Shaft	Cascade Coal & Coke Company	Sykesville	-	-	-	21	-	-	-	-
1911, Nov. 9	1911, Nov. 9	Adrian No. 1	Rochester & Pittsburgh Coal Co.	Punxsutawney	-	-	-	8	-	-	-	-
1913, Apr. 23	1913, Apr. 23	Cincinnati	Monongahela River Consolidated Coal & Coke Co.	Finleyville	-	-	-	97	-	-	-	-

Date	Mine	Operator	Location of Mine	Falls of roof	Suf- foca- tion	Mine cars	Explo- sions of gas and dust	Explo- sions of dust	Explo- sives	Mine fires	Falling down shafts
1915, May 24	Smokeless No. 1	Smokeless Coal Co.	Johnstown	-	-	-	9	-	-	-	-
1915, July 30	Patterson No. 2	United Coal Co.	Elizabeth	-	-	91	-	-	-	-	-
1915, Aug. 31	Orenda No. 2	Merchants Coal Co.	Boswell	-	-	-	19	-	-	-	-
1916, Feb. 11	Ernest No. 2	Jefferson & Clearfield Coal & Iron Company	-	-	-	-	-	-	-	-	-
1916, Mar. 30	Robindale	Conemaugh Smokeless Coal Co.	Ernest	-	-	-	27	-	-	-	-
1917, Mar. 13	Henderson No. 1	Henderson Coal Co.	Robindale	-	-	-	8	-	-	-	-
1918, Aug. 7	Harmar	Consumers Mining Co.	Montour	-	-	-	14	-	-	-	-
1920, June 2	Ontario	Ontario Gas Coal Co.	Harmarville	-	-	-	8	-	-	-	-
1920, July 19	Renton No. 3	Union Collieries Co.	Cokeburg	-	-	-	62	-	-	-	-
1920, Aug. 9	Maryland Shaft	Maryland Coal Co. of Penna.	Renton	-	-	-	9	-	-	-	-
1922, Feb. 2	Gates	H. C. Frick Coke Co.	St. Michael	-	-	6	-	-	-	-	-
1922, Mar. 20	Dilltown No. 1	Dilltown Smokeless Coal Co.	Masontown	-	-	-	25	-	-	-	-
1922, Nov. 6	Reilly No. 1	Joseph H. Reilly Coal Co.	Dilltown	-	-	-	5	-	-	-	-
1924, Jan. 26	Lancashire No. 18	Lancashire Coal Co.	Spangler	-	-	-	77	-	-	-	-
1924, July 25	Gates No. 1	H. C. Frick Coke Co.	Starford	-	-	-	36	-	-	-	-
1925, Apr. 26	Hutchinson	Westmoreland Coal Co.	Masontown	-	-	-	10	-	-	-	-
1926, Feb. 3	Pittsburgh Terminal No. 4	Pittsburgh Terminal Co.	Sewickley Township	-	-	-	5	-	-	-	-
1926, Aug. 26	Clymer No. 1	Clearfield Bituminous Coal Corp.	Horning	-	-	-	20	-	-	-	-
1927, Apr. 2	Mine No. 53	Ellsworth Collieries Co.	Clymer	-	-	-	44	-	-	-	-
1928, Feb. 20	Kinloch	Valley Camp Coal Co.	Cokeburg	-	-	-	6	-	-	-	-
1928, May 19	Mather Collieries	Picklands, Mather & Co.	Parnassus	-	-	-	123	-	-	-	-
1928, Aug. 9	Hillside	Tunnell Smokeless Coal Co.	Mather	-	-	-	194	-	-	-	-
1928, Aug. 15	Irvona No. 3	Irvona Coal & Coke Co.	Johnstown	-	-	-	5	-	-	-	-
1929, Mar. 21	Kinloch	Valley Camp Coal Co.	Coalport	-	-	-	13	-	-	-	-
1933, Sept. 11	Oakmont	Hillman Coal & Coke Co.	Parnassus	-	-	-	46	-	-	-	-
1937, Mar. 28	Kramer	Northwestern Mfg. & Exchange Co.	Barking	-	-	-	7	-	-	-	-
1938, Jan. 12	Harwick	Harwick Coal & Coke Co.	DuBois	-	-	-	9	-	-	-	-
1940, July 15	Sonnan E.	Sonnan Shaft Coal Co.	Harwick	-	-	-	10	-	-	-	-
1941, June 30	Kent No. 2	Rochester & Pittsburgh Coal Co.	Portage	-	-	-	63	-	-	-	-
1944, June 7	Emerald	Emerald Coal & Coke Co.	McIntyre	-	-	-	7	-	-	-	-
1945, Mar. 12	Crucible	Crucible Steel Co. of America	Clarksville	-	-	-	-	-	-	6	-
1952, Feb. 2	Carpentertown	Carpentertown Coal & Coke Co.	Crucible	5	-	-	-	-	-	-	-
1957, Sep. 23	Marianna No. 58	Bethlehem Mines Corp.	Carpentertown	-	-	-	6	-	-	-	-
1962, Dec. 6	Robena No. 3	United States Steel Corp.	Marianna	-	-	-	37	-	-	-	-
1966, June 1	Dora No. 2	Doverspike Bros. Coal Co., Inc.	Garards Fort	-	-	-	-	-	-	-	-
			Dora	-	5	-	-	-	-	-	-

NOTE: July 24, 1912, 18 persons drowned by flooding of Superba No. 2, Superba Coal Company, and Lemont No. 1, H. C. Frick Coke Company, mines near Uniontown, 1. Seven men were railroad employees. 2. Explosion of gas in air shaft--sinking operations. 3. Two men were employees of the adjoining Boyd Mine and were killed by afterdamp from this explosion. Boyd Mine, operated by W. H. Boyd Coal Company, is not under the law.

## COUNTY--DISTRICT CROSS REFERENCE LIST

1973

County	Mine Inspection District
Allegheny	1, 5, 6, 11, 14, 34
Armstrong	2, 10, 11, 35
Beaver	1, 26, 31
Bedford	22, 42
Blair	42
Bradford	17
Butler	1, 30
Cambria	17, 18, 19, 20, 21, 24, 42
Centre	17, 47
Clarion	9, 36, 37
Clearfield	9, 17, 38, 43, 44, 45
Clinton	17, 46
Elk	9, 46
Fayette	8, 13, 33
Greene	3, 4, 13, 26, 32
Indiana	11, 14, 15, 16, 19, 25, 39, 43
Jefferson	9, 14, 38
Lawrence	1, 31
Lycoming	17, 47
Mercer	1, 30
Somerset	21, 22, 23, 40, 41
Tioga	17, 47
Venango	1, 37
Washington	6, 7, 8, 26, 32
Westmoreland	11, 12, 23, 34



Study Of Bituminous Coal By County

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBERIA	CENTRE	CLARION
1925	11,641,959	3,126,898	80,006	452,286	298,051	9,181	1,915,287	16,656,181	916,112	1,022,529
1931	14,313,614	2,796,574	65,717	357,301	247,834	5,287	651,091	12,993,722	557,338	1,103,168
1935	13,875,787	2,269,119	63,724	396,090	205,814	23,204	659,215	12,481,977	434,178	1,191,042
1940	15,068,015	4,107,286	97,819	388,939	176,132	-	607,624	16,361,261	520,829	1,026,742
1941	16,115,371	4,742,526	929,111	474,292	183,932	-	1,046,486	18,532,935	853,406	2,131,335
1942	17,822,560	5,584,761	580,655	631,962	180,162	-	1,128,746	20,134,793	1,122,902	3,134,424
1943	17,809,317	5,261,170	405,718	629,412	114,191	-	1,140,643	18,580,712	956,460	3,480,638
1944	18,541,295	5,535,746	340,180	738,811	112,293	-	1,183,272	18,506,189	1,211,242	3,297,021
1945	17,551,873	6,442,928	247,206	732,797	128,407	4,026	1,255,504	15,941,530	1,200,115	3,188,576
1946	15,552,180	4,948,409	229,637	615,534	166,284	-	1,575,328	14,702,181	1,447,351	2,833,089
1947	18,694,593	6,180,909	434,556	950,153	234,106	5,255	2,231,896	17,070,484	1,474,594	3,447,620
1948	15,328,797	6,142,812	427,797	887,036	298,591	-	1,884,965	15,458,368	1,502,272	3,308,746
1949	10,406,079	3,700,924	318,768	331,041	323,887	7,356	1,612,142	10,767,059	973,312	2,850,897
1950	11,939,721	4,260,906	426,752	296,112	365,561	11,902	2,744,579	12,448,696	974,963	3,123,537
1951	12,033,652	4,250,454	442,148	271,377	248,175	7,240	2,156,517	13,600,973	985,554	2,539,890
1952	8,230,420	3,262,566	445,807	206,764	208,099	7,538	1,963,063	12,072,089	1,009,024	2,231,809
1953	8,402,859	3,032,509	446,156	125,310	153,258	9,301	1,999,922	11,753,135	965,155	2,080,935
1954	6,495,094	2,030,826	433,611	44,889	166,147	5,661	1,565,777	8,995,516	909,411	1,979,395
1955	7,397,643	1,940,028	513,518	115,182	200,143	3,158	1,942,912	10,725,515	1,174,981	2,339,604
1956	7,673,466	2,329,451	385,917	169,548	169,959	4,650	1,932,386	10,833,862	1,416,671	3,055,966
1957	6,920,299	2,249,350	344,911	164,590	59,329	-	1,947,166	10,532,976	1,073,493	2,823,921
1958	4,975,229	2,325,735	224,856	172,576	121,472	10,871	2,047,518	8,164,992	648,930	2,768,283
1959	4,769,780	2,662,867	259,607	176,447	79,311	6,798	1,962,372	7,250,476	747,122	3,074,851
1960	5,218,357	2,850,370	371,621	197,011	75,430	7,651	1,976,582	6,701,785	703,016	2,662,224
1961	4,766,371	3,057,094	401,357	240,027	52,459	9,420	2,046,049	6,049,334	821,078	2,953,478
1962	4,831,345	3,496,742	558,300	359,687	66,944	20,536	2,126,391	5,899,895	781,056	3,430,575
1963	4,441,892	4,221,276	374,384	318,086	13,472	25,331	1,829,844	6,971,829	831,551	3,671,092
1964	4,832,778	4,321,374	489,335	293,632	11,243	14,500	1,833,007	8,759,346	599,635	3,604,045
1965	4,821,229	4,796,855	418,943	320,100	5,564	19,616	2,159,068	8,934,538	586,907	3,168,001
1966	4,954,905	5,390,167	301,027	287,048	76,542	12,933	2,188,593	8,122,954	789,306	3,301,771
1967	4,809,304	5,837,077	158,869	165,668	4,529	42	1,875,675	7,768,745	738,720	2,811,133
1968	5,148,650	6,660,871	120,060	85,755	3,037	100	1,787,277	7,797,236	709,003	2,891,176
1969	4,809,501	7,390,314	266,631	16,635	2,212	300	2,014,274	7,077,905	1,051,051	3,782,727
1970	4,609,117	7,746,115	218,489	18,750	710	161	1,951,395	6,482,454	1,322,463	4,374,938
1971	3,872,911	7,231,833	243,874	4,765	-	119	1,706,652	6,213,662	1,190,478	4,521,295
1972	4,484,168	7,704,610	193,944	1,053	73,220	-	1,493,362	7,646,786	1,086,947	4,427,787
1973	4,275,264	6,821,992	138,000	875	57,373	40	1,139,923	7,718,997	946,103	5,168,776
1925	16,446	4,952	447	1,079	531	25	2,543	21,568	1,556	2,324
1931	13,638	3,926	119	727	590	12	1,484	18,259	1,256	1,428
1935	16,057	3,940	202	876	525	26	1,272	20,205	994	2,184
1940	12,350	4,071	246	694	441	-	1,170	20,708	1,033	1,406



YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBERT	CENTRE	CLAYTON
1941	13,618	4,603	542	843	321	-	1,218	20,091	1,184	1,702
1942	12,281	4,171	509	771	244	-	1,041	18,376	1,237	1,792
1943	10,770	3,675	274	632	176	-	1,024	16,491	847	1,762
1944	10,346	3,600	290	877	135	13	945	15,009	984	1,700
1945	10,484	4,577	248	697	135	-	965	14,602	987	1,525
1946	10,773	3,973	252	764	173	-	1,259	16,168	1,166	1,673
1947	11,112	4,441	309	1,012	182	6	1,438	16,655	1,106	1,742
1948	11,065	4,473	287	909	221	-	1,241	16,626	1,060	1,918
1949	9,887	3,758	231	623	244	4	1,001	15,627	979	1,790
1950	9,343	3,552	247	490	242	7	1,351	13,970	763	1,882
1951	8,554	2,888	239	367	169	7	1,246	13,275	691	1,175
1952	7,184	2,078	191	327	168	5	1,044	12,172	590	975
1953	5,816	1,969	198	271	136	6	968	10,913	505	790
1954	4,496	1,658	255	142	139	4	826	9,067	460	944
1955	4,004	1,324	250	188	200	5	858	8,649	541	857
1956	4,059	1,399	255	231	165	3	759	8,536	468	916
1957	3,669	1,407	213	244	67	-	767	8,369	451	942
1958	2,984	1,370	149	251	77	4	804	7,360	386	838
1959	2,626	1,195	120	220	65	4	697	6,000	389	853
1960	2,602	1,204	131	187	53	4	636	4,824	311	818
1961	2,168	1,241	152	198	47	6	676	4,317	303	715
1962	1,914	1,225	142	173	48	7	570	3,805	291	758
1963	1,546	1,256	119	168	25	7	572	2,719	309	768
1964	1,458	1,316	151	132	27	8	493	3,834	241	738
1965	1,228	1,234	132	124	14	9	493	3,759	298	654
1966	1,349	1,344	84	95	53	9	519	3,588	211	472
1967	1,416	1,430	44	73	8	2	471	3,403	210	552
1968	1,384	1,424	59	40	6	2	488	3,249	189	579
1969	1,296	1,639	84	17	6	2	475	3,154	283	570
1970	1,315	1,865	82	17	6	2	485	3,122	288	706
1971	1,327	2,126	86	17	-	2	512	3,577	371	802
1972	1,457	1,841	85	5	14	-	465	3,955	303	690
1973	1,510	1,799	71	5	8	1	441	4,149	288	841
1925	167	169	209	135	185	272	225	199	167	203
1931	208	144	200	128	193	195	125	162	134	219
1935	200	134	165	158	155	256	156	175	163	174
1940	220	223	220	167	181	-	177	202	188	208
1941	222	216	234	186	209	-	225	223	202	206
1942	272	220	236	240	245	-	242	250	213	248
1943	272	265	286	264	208	-	248	260	333	256
1944	292	282	292	254	289	71	262	290	248	256
1945	264	254	251	260	278	-	256	258	242	256
1946	174	193	245	201	200	-	213	201	181	221
1947	254	210	213	142	194	133	236	155	203	198

Employees

Average  
Days  
Worked

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBRIA	CENTRE	CLARION
1948	210	208	226	118	205	-	230	141	215	177
1949	163	136	230	108	161	200	192	154	151	179
1950	183	147	214	100	124	183	201	167	171	168
1951	216	226	249	113	226	159	230	158	219	216
1952	176	237	205	97	191	232	210	253	214	254
1953	222	237	225	71	173	155	206	166	191	263
1954	222	188	212	63	149	177	236	153	197	254
1955	232	209	238	147	205	65	328	208	219	240
1956	216	184	195	167	235	144	224	206	238	249
1957	206	174	202	180	213	-	217	201	231	255
1958	183	176	158	170	244	244	211	161	224	243
1959	172	188	204	185	240	215	213	151	223	259
1960	169	205	188	189	222	240	205	173	224	256
1961	173	197	231	200	227	268	209	175	234	260
1962	175	206	247	215	220	205	230	165	227	260
1963	184	210	207	203	185	224	209	188	229	277
1964	220	189	207	243	160	185	229	223	266	247
1965	218	207	224	216	145	239	271	236	199	261
1966	219	208	171	245	171	182	247	239	230	282
1967	201	209	233	212	176	50	247	228	231	280
1968	216	211	213	226	176	50	239	236	207	242
1969	239	207	227	170	184	60	218	233	224	280
1970	234	217	201	178	37	80	230	237	245	242
1971	212	178	188	89	-	49	211	208	206	260
1972	241	220	214	74	228	-	188	254	220	260
1973	239	215	230	50	245	79	162	247	223	211
1925	22	6	-	1	2	-	3	50	2	2
1931	29	5	-	3	1	-	2	31	-	-
1935	25	6	-	1	-	-	1	26	-	1
1940	21	2	-	1	-	-	-	84	-	3
1941	28	-	-	-	1	-	2	29	-	-
1942	18	5	-	1	-	-	3	29	2	2
1943	21	9	-	1	1	-	1	26	2	3
1944	18	4	-	-	-	-	4	29	1	3
1945	16	9	-	-	-	-	-	19	1	2
1946	9	7	2	2	1	-	-	15	1	2
1947	17	10	-	1	-	-	-	19	-	-
1948	19	10	-	-	-	-	2	14	2	-
1949	8	6	-	-	-	-	-	12	-	1
1950	9	5	-	1	-	-	2	14	-	1
1951	6	2	1	-	1	-	-	9	-	1
1952	1	1	-	-	-	-	2	15	-	-
1953	11	4	1	-	1	-	-	7	-	1
1954	4	-	-	-	-	-	1	6	2	-
1955	7	2	-	1	-	-	-	4	1	-

YEAR	ALLECHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBRIA	CENTRE	CLARION
1956	7	-	-	-	-	-	-	9	-	-
1957	3	2	-	-	-	-	1	9	-	1
1958	2	-	-	1	-	-	-	2	-	-
1959	3	2	3	-	-	-	-	3	-	3
1960	2	3	-	1	-	-	1	6	-	-
1961	1	3	-	-	-	-	-	2	-	-
1962	2	2	-	-	-	-	-	4	-	-
1963	-	3	-	-	-	-	-	1	-	-
1964	1	1	-	-	-	-	-	2	-	-
1965	-	5	-	1	-	-	2	5	-	1
1966	1	2	-	1	-	-	2	5	-	-
1967	1	1	-	-	-	-	3	1	-	-
1968	2	4	-	-	-	-	-	4	1	1
1969	-	2	-	-	-	-	2	4	1	1
1970	6	-	-	-	-	-	-	1	-	-
1971	1	-	-	-	-	-	-	2	-	-
1972	-	2	-	-	-	-	-	2	-	-
1973	1	-	-	-	-	-	-	-	-	-
Fatalities										
1925	2,739,492	836,966	30,686	146,021	98,351	6,800	572,067	4,281,947	259,551	471,419
1931	2,830,946	546,947	23,788	93,108	113,640	2,340	185,859	2,961,989	168,577	312,950
1935	3,196,377	529,405	33,414	138,142	81,133	6,644	198,970	3,535,388	162,050	379,818
1940	2,712,314	911,003	54,146	116,005	79,766	-	206,718	4,164,101	194,729	292,192
1941	3,035,805	992,304	126,966	156,624	66,949	-	396,991	4,475,079	239,537	351,408
1942	3,398,413	879,294	120,354	185,618	59,969	-	256,643	4,603,324	263,918	445,173
1943	2,939,490	974,821	78,582	167,072	36,728	-	254,463	4,296,233	282,800	452,155
1944	3,017,499	1,016,565	84,893	222,445	39,087	923	247,438	4,351,763	244,290	449,925
1945	2,769,066	1,161,389	62,132	181,248	37,511	-	246,791	3,771,209	239,142	390,835
1946	2,240,959	766,782	61,694	153,718	34,562	-	268,144	3,248,093	210,995	370,467
1947	2,832,514	936,501	65,842	143,963	35,471	796	338,166	2,586,437	223,423	344,762
1948	2,322,545	930,729	64,818	134,399	45,241	-	285,601	2,342,177	227,617	330,874
1949	1,607,813	513,079	53,159	67,311	39,377	800	192,543	2,403,144	147,879	320,723
1950	1,712,076	525,437	52,830	45,463	30,039	1,284	272,570	2,340,880	130,717	315,742
1951	1,851,331	653,916	59,548	41,750	38,181	1,114	287,536	2,092,458	151,624	253,989
1952	1,266,219	492,407	39,204	31,810	32,015	1,160	220,158	1,857,245	126,128	247,979
1953	1,292,748	466,540	44,616	19,278	23,578	930	199,992	1,808,175	96,515	208,093
1954	999,245	312,434	54,201	8,977	20,768	709	195,722	1,383,925	90,941	247,424
1955	927,378	276,803	59,419	27,641	40,951	325	281,529	1,799,684	118,280	205,869
1956	878,753	49,755	49,755	38,501	38,796	432	170,161	1,756,119	170,327	228,189
1957	756,358	244,903	42,923	43,336	44,275	-	166,500	1,680,143	104,115	240,606
1958	546,283	240,640	23,485	42,715	18,798	976	169,628	1,184,022	86,522	204,209
1959	452,650	224,278	24,442	40,679	15,607	860	149,037	906,234	86,629	220,712
1960	376,124	246,926	24,684	35,385	11,782	960	130,560	835,087	69,770	209,790
1961	376,124	244,333	35,113	39,539	10,661	1,608	141,482	756,622	70,822	185,674
1962	334,863	251,881	35,029	37,249	10,545	1,434	130,923	627,979	65,956	197,013
1963	284,733	263,366	24,526	34,055	4,636	1,571	119,334	697,413	70,864	205,687
Man-Days										

YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBERTA	CENTRE	CLAYTON
1964	320,707	249,242	31,211	32,125	4,323	1,480	113,007	854,966	64,123	201,112
1965	267,360	255,024	29,741	26,741	2,028	2,156	133,868	887,077	59,381	161,374
1966	295,373	279,838	14,404	23,352	13,746	1,639	128,163	857,006	48,505	122,847
1967	284,978	298,417	10,254	15,483	1,412	50	116,474	777,697	48,629	144,324
1968	298,876	301,200	12,595	9,041	1,372	100	116,495	767,133	39,220	163,152
1969	309,876	339,100	19,082	2,886	1,104	120	103,533	734,321	63,558	159,380
1970	308,456	404,727	16,484	3,027	222	80	111,699	740,652	70,694	171,103
1971	282,452	379,366	16,177	1,514	-	98	108,165	745,573	76,450	178,981
1972	351,025	404,324	18,153	373	3,192	-	87,560	1,002,863	66,598	179,610
1973	360,874	386,065	16,311	252	1,960	79	71,376	997,124	64,195	177,566
1925	529,316	521,150	-	452,286	119,026	-	648,129	333,124	458,056	731,265
1931	493,573	559,315	-	119,100	247,834	-	325,546	419,152	-	-
1935	555,031	378,186	-	396,090	-	-	659,215	480,076	-	1,191,042
1940	717,525	2,053,643	-	388,939	-	-	-	194,777	-	342,247
1941	575,549	-	-	-	183,932	-	523,243	639,067	-	-
1942	990,442	1,116,952	-	631,962	-	-	376,249	694,303	561,451	1,567,212
1943	848,063	584,574	-	629,412	114,191	-	1,440,643	714,643	478,230	1,160,213
1944	1,030,072	1,383,936	-	-	-	-	295,818	638,144	1,211,242	471,003
1945	1,096,992	715,881	123,603	366,398	128,407	-	-	839,028	-	1,594,288
1946	1,728,020	706,915	-	950,153	-	-	1,115,948	980,145	1,447,351	-
1947	1,099,682	618,091	-	-	-	-	-	898,447	751,136	1,149,206
1948	806,779	614,281	-	331,041	-	-	-	1,104,169	3,308,746	3,308,746
1949	1,300,760	616,821	-	-	-	-	-	897,255	2,850,897	2,850,897
1950	1,326,636	852,181	-	-	365,561	-	1,372,289	889,193	3,123,537	3,123,537
1951	2,005,609	2,125,227	442,148	-	248,175	-	-	1,511,219	2,539,890	2,539,890
1952	8,230,420	3,262,566	446,156	-	153,258	-	981,531	804,806	-	-
1953	763,127	758,127	-	-	-	-	1,565,777	1,679,019	454,705	2,080,935
1954	1,623,773	-	-	-	-	-	-	1,499,253	1,174,981	-
1955	1,056,806	970,014	-	115,182	-	-	-	2,681,379	-	-
1956	1,096,209	-	-	-	-	-	-	1,203,762	-	-
1957	2,306,766	1,124,675	-	-	-	-	1,947,166	1,170,331	-	2,823,921
1958	2,487,614	-	74,952	172,576	-	-	-	4,082,496	-	-
1959	1,589,927	1,331,433	-	-	-	-	-	2,416,825	-	1,024,950
1960	2,609,178	950,123	-	197,011	-	-	1,976,582	1,116,964	-	-
1961	4,766,371	1,091,031	-	-	-	-	-	3,024,667	-	-
1962	2,415,672	1,748,371	-	-	-	-	-	1,474,974	-	-
1963	-	1,407,092	-	-	-	-	-	6,971,829	-	-
1964	4,832,778	4,321,374	-	-	-	-	-	4,379,673	-	-
1965	-	959,371	-	320,100	-	-	1,079,534	1,786,908	-	3,168,001
1966	4,954,905	2,695,083	-	287,048	-	-	1,094,296	1,624,591	-	-
1967	4,809,304	5,837,077	-	-	-	-	625,225	7,768,754	-	-
1968	2,574,325	1,665,218	-	-	-	-	-	1,559,447	709,003	2,891,176
1969	-	3,695,157	-	-	-	-	1,007,137	1,769,476	1,051,051	1,891,363
1970	768,186	-	-	-	-	-	975,697	1,620,613	1,322,463	4,374,938



YEAR	ALLEGHENY	ARMSTRONG	BEAVER	BEDFORD	BLAIR	BRADFORD	BUTLER	CAMBRIA	CEN TRL	CLATSOP
Production	3,872,911	1,205,305	-	-	-	-	-	6,213,662	-	4,521,295
Per	-	3,852,305	-	-	-	-	-	3,823,393	-	-
Fatal	4,275,264	-	-	-	-	-	-	3,859,498	-	-
YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1925	5,410,701	182,964	1,052,684	28,684,339	168,457	4,992,995	669,587	8,008,676	2,967,590	279,183
1931	3,022,139	67,081	887,802	13,933,546	148,096	3,711,042	547,495	6,626,280	1,981,360	208,713
1935	2,934,442	52,305	749,661	13,454,039	142,776	2,955,545	495,447	5,606,505	1,837,504	177,803
1940	3,048,006	31,688	741,688	22,432,309	163,381	5,310,131	500,151	6,926,530	1,763,107	253,928
1941	4,113,081	96,710	819,107	22,109,923	230,153	6,296,926	504,730	8,308,035	1,927,066	282,445
1942	4,702,159	240,314	815,156	25,465,181	255,140	7,582,079	474,627	9,390,899	2,162,615	260,637
1943	5,872,736	402,876	699,441	22,889,481	235,611	7,188,684	421,426	9,702,447	2,492,658	145,327
1944	6,396,459	223,388	636,291	22,668,263	-	8,487,776	421,408	10,769,528	2,280,442	59,350
1945	6,371,229	88,117	502,494	19,357,031	-	8,628,754	759,170	8,531,846	2,058,848	108,155
1946	6,443,667	258,764	474,628	16,496,471	-	9,258,377	808,527	8,950,655	2,563,447	95,533
1947	8,091,741	525,933	841,302	18,470,604	118,858	8,731,629	630,186	9,035,864	3,018,131	189,785
1948	8,102,562	502,740	1,043,641	15,385,038	112,745	12,458,147	390,381	8,547,988	2,724,508	230,370
1949	5,161,831	456,421	764,064	9,205,423	87,300	8,731,629	330,760	6,061,751	1,646,668	162,365
1950	6,176,963	643,337	854,824	10,079,300	111,557	10,122,459	405,282	7,809,553	2,003,302	455,943
1951	5,928,156	793,958	784,597	10,528,246	140,347	11,820,569	392,841	7,669,778	1,977,131	468,508
1952	5,781,289	617,027	589,588	7,523,581	157,614	9,592,879	268,772	6,245,535	1,560,065	262,626
1953	5,207,520	657,933	518,093	9,054,912	137,669	11,675,444	231,094	5,756,224	1,664,773	665,911
1954	4,873,992	613,606	407,599	6,442,395	81,099	9,355,074	165,615	4,884,780	1,456,451	653,216
1955	5,760,350	642,492	461,208	6,610,155	94,886	11,866,090	91,887	6,042,018	1,474,972	634,147
1956	6,634,394	531,864	421,453	5,357,333	40,529	12,423,951	149,544	7,001,596	1,678,293	914,091
1957	6,297,900	591,789	307,513	4,949,851	-	12,274,541	52,705	6,777,115	1,488,656	1,097,658
1958	5,651,550	622,294	350,750	2,908,999	-	9,751,502	58,250	5,605,795	1,381,434	1,128,623
1959	5,663,175	638,673	354,470	2,754,230	-	9,649,491	71,123	6,200,151	1,090,725	1,003,472
1960	6,289,354	479,839	302,480	2,245,909	5,162	9,966,944	58,600	5,126,721	1,147,022	942,037
1961	6,585,671	407,599	374,888	1,234,260	-	9,576,615	33,910	4,879,306	1,299,120	629,552
1962	6,556,887	407,640	475,500	1,314,657	-	9,137,326	33,070	4,822,211	1,420,926	623,644
1963	6,843,783	482,204	543,530	1,525,525	-	9,619,969	55,540	5,549,919	1,789,771	922,152
1964	6,972,466	481,046	508,790	1,872,001	-	11,575,079	69,135	5,867,107	1,884,847	812,076
1965	7,162,588	554,960	512,582	1,875,814	-	11,676,093	67,376	6,626,509	1,933,709	906,147
1966	7,227,841	776,381	478,035	1,562,102	-	11,358,759	53,683	7,668,217	1,724,329	1,267,036
1967	6,887,212	926,168	330,904	1,186,650	-	11,243,302	43,943	7,622,275	1,838,560	1,064,058
1968	6,080,361	784,587	345,514	1,112,670	-	11,077,182	19,981	6,558,590	1,592,838	1,135,575
1969	5,876,819	550,808	367,786	1,387,377	-	11,458,458	2,673	8,021,859	1,415,933	898,738
1970	5,900,616	455,288	412,258	1,848,583	7,200	11,576,734	-	8,314,266	1,664,873	891,417
1971	6,031,346	406,445	384,656	1,494,177	3,100	8,143,725	-	7,630,251	1,387,496	742,543
1972	6,000,990	242,606	359,740	1,657,751	2,700	9,033,553	-	8,434,172	1,369,144	603,442
1973	6,469,050	465,957	620,896	2,100,610	1,075	9,667,844	-	9,032,403	1,484,613	529,696
1925	9,187	287	1,873	29,435	280	3,664	1,097	10,947	4,402	383
1931	5,593	135	1,487	16,291	218	3,237	993	8,016	2,479	421
1935	6,058	134	1,251	16,817	258	3,492	1,061	8,343	2,954	437





YEAR	CLEARFIELD	CLINTON	ELK	FAVING	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAMPHIRE
1948	199	234	177	169	305	190	101	180	198	141
1949	151	154	155	160	122	170	142	151	138	252
1950	177	165	167	175	171	174	160	185	164	202
1951	205	307	219	152	234	204	141	211	175	245
1952	217	257	176	126	165	174	117	183	175	237
1953	243	262	216	169	250	224	128	205	223	276
1954	186	192	184	151	213	205	153	232	195	227
1955	217	251	189	211	208	235	141	218	204	335
1956	205	260	183	211	64	235	168	230	210	235
1957	202	261	173	200	-	221	179	211	189	225
1958	189	251	163	169	-	178	145	190	176	268
1959	204	242	183	147	-	178	142	201	132	225
1960	216	234	179	143	38	177	162	188	204	255
1961	206	207	160	155	-	185	136	200	196	237
1962	213	243	215	164	-	186	138	196	201	193
1963	219	242	231	196	-	199	156	218	199	278
1964	221	190	218	212	-	220	159	208	221	255
1965	233	273	208	226	-	230	150	203	216	275
1966	246	239	216	212	-	228	135	229	221	249
1967	257	286	211	218	-	231	203	236	204	281
1968	262	225	243	208	-	228	271	207	200	274
1969	241	260	239	230	240	242	56	230	163	219
1970	220	260	190	220	160	250	-	222	243	217
1971	214	274	202	193	252	201	-	197	182	254
1972	240	266	203	203	234	231	-	228	191	203
1973	243	314	215	229	-	246	-	226	228	269

Average  
Days  
Worked

1925	8	-	2	78	-	15	1	19	9	1
1931	4	-	1	22	-	11	-	17	4	1
1935	4	-	-	25	1	2	2	10	1	-
1940	5	-	-	14	1	7	2	5	3	-
1941	1	-	-	25	-	6	3	20	1	-
1942	7	-	-	34	-	5	-	17	2	1
1943	4	-	-	26	-	13	1	10	1	-
1944	7	-	-	25	-	16	1	11	1	-
1945	5	1	-	25	-	11	-	7	1	-
1946	3	-	1	21	-	14	1	10	2	-
1947	6	1	-	19	-	10	-	8	5	-
1948	6	-	-	11	1	13	-	5	-	-
1949	1	-	-	11	-	5	-	5	-	-
1950	5	-	-	6	-	5	-	9	1	-
1951	2	-	1	7	-	7	-	4	2	-
1952	3	-	-	3	-	9	-	5	-	-
1953	3	-	1	5	-	12	-	4	1	-
1954	3	-	-	3	-	4	-	12	-	-
1955	2	1	-	-	-	7	-	4	2	-

Fatalities

YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1956	2	-	-	2	-	12	-	1	2	-
1957	2	-	-	5	-	8	-	4	1	-
1958	4	-	1	4	-	2	-	1	1	-
1959	2	-	1	1	-	8	-	6	-	-
1960	1	-	-	3	-	1	-	3	1	-
1961	3	-	1	2	-	4	-	1	-	-
1962	2	-	-	1	-	40	-	3	-	-
1963	1	-	1	1	-	3	-	4	1	-
1964	-	-	-	-	-	5	-	2	1	-
1965	2	-	-	-	-	6	-	3	-	-
1966	1	-	-	2	-	3	-	3	-	-
1967	4	-	-	-	-	3	-	7	-	-
1968	1	-	-	-	-	4	-	3	-	-
1969	1	-	-	-	-	1	-	5	-	-
1970	1	-	1	1	-	6	-	8	1	-
1971	2	-	-	-	-	3	-	2	-	-
1972	1	-	-	2	-	2	-	1	-	-
1973	-	-	-	-	-	2	-	1	-	-
1925	1,591,427	47,485	323,071	6,725,330	79,520	982,263	251,862	2,011,055	914,300	102,043
1931	791,913	28,256	237,816	2,547,128	48,832	620,627	200,862	1,325,638	439,481	86,281
1935	969,471	22,411	243,478	2,839,965	50,568	599,799	195,229	1,361,223	549,720	74,909
1940	924,961	10,498	244,799	4,648,292	54,967	927,117	182,199	1,427,093	435,055	89,649
1941	1,082,216	33,222	237,558	5,070,420	56,325	1,094,456	183,013	1,718,572	485,805	84,447
1942	1,067,179	44,098	202,739	6,298,013	50,608	1,372,961	159,001	1,937,954	482,296	81,462
1943	1,188,863	64,655	185,474	5,342,499	47,940	1,418,681	149,103	1,756,493	572,030	13,330
1944	1,214,031	39,617	176,803	4,833,127	-	1,465,868	180,824	1,857,074	461,859	7,197
1945	1,113,845	25,619	132,817	3,945,387	-	1,708,272	199,559	1,561,760	410,135	8,180
1946	1,040,676	31,193	112,212	3,055,263	-	1,759,110	155,863	1,451,436	411,562	8,072
1947	1,226,021	52,593	127,470	2,798,576	9,516	1,963,031	95,483	1,369,070	457,293	12,652
1948	1,227,661	50,274	158,127	2,331,066	7,924	1,887,598	59,149	1,295,150	412,804	15,891
1949	789,335	44,746	123,748	1,994,613	2,684	1,626,053	66,422	963,365	243,013	19,146
1950	863,989	52,432	115,683	2,061,273	3,420	1,564,345	73,655	1,162,582	305,670	30,478
1951	912,023	52,930	120,707	1,619,730	9,356	1,818,549	60,437	1,179,966	293,261	33,464
1952	886,641	41,135	84,227	1,156,039	8,295	1,475,827	41,350	960,852	227,250	21,885
1953	801,157	65,793	79,707	1,393,063	13,767	1,796,222	35,553	885,573	256,119	44,394
1954	609,249	40,907	50,950	991,138	8,110	1,439,242	20,702	751,505	224,069	43,547
1955	710,135	57,482	54,755	1,003,173	7,488	1,573,815	15,129	761,061	203,081	58,075
1956	715,570	41,921	58,265	721,624	4,480	1,576,783	27,708	813,413	240,594	58,943
1957	673,752	41,765	43,820	629,153	-	1,388,211	13,821	787,359	202,410	62,977
1958	616,410	40,694	41,323	372,752	-	969,424	12,039	625,162	163,518	73,201
1959	569,081	38,031	43,412	312,446	-	925,966	13,530	642,400	113,900	52,784
1960	571,221	33,284	39,794	295,175	269	835,198	11,998	501,996	116,556	56,921
1961	569,947	28,185	32,394	175,618	-	800,047	7,338	447,462	135,119	45,169
1962	549,824	22,359	41,925	176,932	-	681,849	6,346	427,466	136,632	43,920
1963	543,829	24,007	39,284	191,457	-	740,266	7,974	467,945	126,281	55,269

Man-Days

YEAR	CHICAGO	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	CAMPBELL
1964	521,594	22,665	41,266	211,762	-	856,155	7,476	442,336	126,216	43,441
1965	508,380	24,338	37,452	233,023	-	834,025	5,868	465,041	124,637	50,426
1966	498,630	39,943	35,169	194,892	-	805,225	4,594	469,415	136,579	60,389
1967	456,714	42,385	21,076	168,861	-	788,466	3,247	511,664	122,908	61,879
1968	447,989	33,771	25,734	162,233	-	767,400	2,218	453,888	93,036	61,764
1969	353,588	23,434	23,155	187,475	480	844,377	390	567,775	71,867	49,038
1970	366,730	22,602	18,861	198,433	320	915,813	-	641,904	88,594	42,183
1971	394,499	25,245	19,632	176,271	504	717,714	-	684,053	86,083	38,618
1972	353,755	15,943	17,488	156,475	234	827,824	-	797,497	73,681	31,873
1973	352,753	28,241	23,257	185,107	-	886,779	-	857,618	76,725	32,026
1925	680,088	-	526,342	367,748	-	332,166	699,587	421,509	329,732	272,163
1931	755,535	-	887,802	633,343	-	337,367	-	389,781	495,340	208,713
1935	733,611	-	-	538,162	142,776	1,477,773	247,724	560,650	1,837,504	-
1940	609,601	-	-	1,602,308	163,381	758,590	250,076	1,385,306	587,702	-
1941	4,113,081	-	-	884,397	-	1,049,488	168,243	415,402	1,927,066	-
1942	671,737	-	-	748,976	-	1,516,415	-	552,406	1,081,307	260,637
1943	1,468,184	-	-	880,364	-	552,976	421,426	970,245	2,492,658	-
1944	913,780	-	-	906,731	-	530,486	597,408	979,048	-	-
1945	1,274,246	88,117	-	774,281	-	784,432	-	1,218,835	2,058,848	-
1946	2,147,889	-	474,628	785,546	-	661,313	808,065	895,065	1,281,723	-
1947	1,348,623	525,933	-	972,137	118,853	1,295,601	-	1,129,483	603,626	-
1948	1,350,427	-	1,043,641	1,398,640	-	958,319	-	1,068,498	-	-
1949	5,161,831	-	-	836,857	-	1,746,326	-	1,212,350	-	-
1950	1,235,393	-	-	1,679,883	-	2,024,492	-	867,728	-	-
1951	2,964,078	-	784,597	1,504,035	-	1,688,653	-	1,917,444	988,565	-
1952	1,927,096	-	-	2,507,860	-	1,065,875	-	1,249,107	-	-
1953	1,735,840	-	518,093	1,810,982	-	972,954	-	1,439,056	1,644,773	-
1954	1,624,664	-	-	2,147,465	-	2,338,768	-	407,065	-	-
1955	2,880,175	642,492	-	-	-	1,695,156	-	1,510,504	737,486	-
1956	3,317,197	-	-	2,678,666	-	1,035,329	-	7,001,596	839,446	-
1957	3,148,950	-	-	989,970	-	1,534,318	-	1,694,279	1,488,656	-
1958	1,412,887	-	350,750	727,250	-	4,875,751	-	5,605,795	1,381,434	-
1959	2,831,587	-	354,470	2,754,230	-	1,206,186	-	1,033,358	-	-
1960	6,289,354	-	-	748,636	-	9,966,944	-	1,708,907	1,147,022	-
1961	2,195,224	-	374,888	617,130	-	2,394,154	-	4,879,306	-	-
1962	3,278,443	-	-	1,314,657	-	228,433	-	1,607,404	-	-
1963	6,843,783	-	543,530	1,525,525	-	3,206,656	-	1,387,480	1,789,771	-
1964	-	-	-	-	-	2,315,016	-	2,933,553	1,884,847	-
1965	3,581,294	-	-	-	-	1,946,015	-	3,313,254	-	-
1966	7,227,841	-	-	781,051	-	3,786,253	-	2,556,072	344,866	-
1967	1,721,803	-	-	-	-	3,747,767	-	1,088,896	-	-
1968	6,080,361	-	-	-	-	2,769,295	-	2,186,197	-	-
1969	5,876,819	-	-	-	-	11,458,458	-	8,021,859	-	898,738
1970	5,900,616	-	412,258	1,387,377	-	11,576,734	-	1,662,853	-	-
				1,848,583	-	-	-	-	-	-

Production  
Per Fatal



YEAR	CLEARFIELD	CLINTON	ELK	FAYETTE	FULTON	GREENE	HUNTINGDON	INDIANA	JEFFERSON	LAWRENCE
1971	2,912,942	-	-	-	-	1,357,287	-	1,064,092	1,387,496	-
Production 1972	6,000,990	-	-	828,875	-	3,011,184	-	4,217,086	-	-
Per Fatal 1973	-	-	-	-	-	4,333,922	-	9,032,403	-	-

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1925	23,919	279,087	-	9,629,892	144,680	8,197	15,421,542	20,720,626	135,266,612
1931	25,040	211,347	-	7,306,313	190,114	2,600	13,640,386	11,243,386	96,844,250
1935	58,616	324,260	13,264	5,675,139	177,096	6,064	15,890,388	8,989,269	91,140,273
1940	63,653	140,010	-	4,839,036	190,597	28,621	17,872,551	8,756,882	111,416,916
1941	64,848	428,239	-	6,137,729	319,083	29,400	19,916,404	10,875,964	127,469,207
1942	44,945	491,923	5,729	6,938,898	358,801	20,770	20,661,070	12,567,665	142,755,573
1943	51,237	418,298	2,176	7,613,273	302,284	48,671	20,311,505	12,622,983	139,801,363
1944	44,145	634,332	-	8,236,565	268,177	45,859	21,129,326	12,456,807	144,408,418
1945	43,840	528,137	16,994	7,594,495	213,090	40,291	18,152,551	11,009,275	130,696,854
1946	49,215	401,030	40,938	6,663,474	156,632	120,696	18,984,071	9,747,937	123,587,065
1947	32,562	353,523	1,404	8,027,289	173,291	250,391	21,409,249	9,882,492	144,761,964
1948	25,070	389,800	5,596	7,544,388	204,748	448,818	18,245,125	8,993,487	130,627,789
1949	35,741	406,073	23,960	4,961,339	141,782	152,373	12,484,444	5,223,834	87,351,892
1950	33,174	508,342	64,723	5,901,852	149,224	541,011	14,744,761	6,131,999	103,439,887
1951	35,754	495,526	81,307	6,513,342	138,117	437,099	16,106,865	5,759,410	106,680,097
1952	27,034	534,666	43,847	4,982,002	62,761	447,516	13,656,583	5,252,229	87,308,999
1953	23,089	559,100	82,210	3,961,378	68,879	596,684	16,838,775	5,218,092	91,938,156
Production 1954	36,026	638,686	93,101	2,264,833	55,289	522,403	12,838,740	2,754,921	70,823,985
1955	48,423	653,085	109,930	3,479,806	81,793	701,720	15,921,185	3,932,005	85,042,677
1956	56,961	503,292	103,864	4,273,532	94,476	841,490	15,014,199	4,505,410	88,595,658
1957	85,609	508,297	41,887	3,827,771	265,242	798,054	13,783,986	4,737,250	84,064,493
1958	63,141	607,524	47,432	2,667,943	296,764	634,182	10,575,312	3,557,895	67,398,564
1959	57,178	525,453	42,128	2,211,735	211,027	607,707	10,069,016	3,436,571	65,627,585
1960	60,354	692,342	32,030	2,181,308	242,375	676,517	10,913,281	3,362,099	65,595,999
1961	58,611	872,960	5,940	2,215,649	223,023	612,110	10,359,035	3,347,734	63,171,313
1962	38,770	1,045,879	2,185	2,702,986	233,863	506,077	10,945,366	3,730,800	65,648,015
1963	29,302	711,921	4,370	3,164,518	306,465	898,095	12,446,667	3,898,862	71,258,957
1964	71,207	595,667	21,700	3,409,154	260,424	487,329	13,477,843	4,115,711	77,321,793
1965	136,828	552,103	15,983	3,502,211	435,321	400,056	14,220,440	4,305,247	80,119,548
1966	102,540	423,963	24,662	3,959,415	508,108	493,777	14,145,130	4,250,423	81,449,647
1967	88,035	308,627	-	4,017,512	517,683	521,397	14,778,358	3,556,939	79,101,385
1968	60,184	184,375	-	3,996,349	578,613	433,283	13,593,120	2,952,224	75,714,611
1969	49,598	183,512	-	4,033,778	618,822	549,365	13,761,402	2,591,158	78,185,036
1970	60,708	208,462	-	3,730,159	747,946	464,719	14,461,604	2,626,597	80,091,922
1971	83,372	380,738	-	3,911,875	873,239	378,119	12,545,703	2,394,707	71,776,681
1972	104,896	364,478	-	3,591,444	618,596	358,182	13,670,704	2,340,787	75,863,137
1973	132,315	241,304	-	4,437,917	575,992	440,928	13,435,704	1,894,089	76,796,661

1925	100	443	-	10,626	698	19	20,768	20,246	165,586
1931	72	423	-	9,607	519	6	15,002	13,327	119,265
1935	167	623	43	8,846	557	25	19,336	12,663	129,346

Employees



YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1940	118	267	-	6,864	365	55	17,529	8,994	117,832
1941	119	366	-	7,285	472	44	17,745	9,771	124,941
1942	94	294	16	6,620	325	35	15,993	9,423	115,451
1943	49	295	7	6,558	252	22	13,968	8,976	105,903
1944	44	245	-	6,139	248	16	13,844	8,094	99,942
1945	47	217	26	6,050	225	17	13,518	8,304	98,764
1946	43	251	22	6,453	229	61	14,753	8,009	103,894
1947	48	209	4	6,984	189	70	15,514	8,400	109,202
1948	35	264	4	7,080	208	57	15,834	7,981	110,326
1949	25	191	19	6,538	189	52	15,047	6,894	100,119
1950	19	320	19	6,309	156	91	14,348	5,919	94,514
1951	18	334	24	5,784	129	73	13,336	5,444	86,369
1952	19	287	29	5,159	130	108	11,871	4,906	76,676
1953	15	284	31	4,340	63	176	12,056	4,470	69,126
1954	32	230	31	2,863	57	154	9,419	2,522	55,405
1955	31	220	36	3,584	66	187	8,081	2,918	52,103
1956	39	289	37	3,383	84	170	7,726	2,725	50,529
1957	43	172	17	3,211	116	144	6,424	2,364	46,989
1958	42	190	14	2,417	126	172	6,070	2,116	41,309
1959	36	168	17	2,148	107	159	5,660	1,921	37,337
1960	40	183	7	1,736	106	116	5,294	1,771	33,396
1961	34	206	3	1,607	86	98	4,371	1,633	29,633
1962	25	197	13	1,539	83	99	4,160	1,449	27,264
1963	19	140	19	1,464	79	148	3,963	1,411	26,216
1964	21	119	11	1,365	89	116	3,990	1,411	26,008
1965	23	115	36	1,372	87	95	4,044	1,280	25,206
1966	25	118	20	1,305	80	104	4,381	1,228	24,729
1967	26	78	-	1,209	91	114	4,379	1,093	23,811
1968	20	39	-	1,202	100	84	4,356	891	23,117
1969	11	43	-	1,191	119	126	4,115	737	22,969
1970	17	41	-	1,347	112	85	4,481	835	24,667
1971	21	56	-	1,338	139	98	4,611	868	26,549
1972	16	40	-	1,240	86	71	4,516	839	25,627
1973	32	41	-	1,418	105	69	4,810	828	26,722

Employees

1925	229	230	-	221	75	225	170	228	200
1931	237	184	-	164	167	98	177	168	170
1935	219	200	205	180	159	156	207	168	179
1940	234	188	-	182	169	216	229	212	213
1941	215	237	-	219	194	229	222	237	223
1942	262	260	189	239	225	223	244	234	254
1943	239	203	71	269	253	271	271	257	266
1944	271	272	-	282	261	304	291	266	280
1945	271	257	200	265	280	204	265	225	255
1946	165	195	203	203	189	124	218	202	208

Average Days Worked

YEAR	LYCOMING	MERCER •	McKean	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1947	103	256	53	174	138	238	209	178	220
1948	109	224	212	161	149	225	175	171	202
1949	238	237	118	146	132	242	159	142	154
1950	216	195	196	166	217	225	172	188	193
1951	264	228	226	173	165	299	186	163	186
1952	177	207	168	149	74	295	168	165	168
1953	236	197	265	140	168	226	215	180	198
1954	173	185	200	121	149	226	210	168	197
1955	236	339	296	171	213	337	233	186	219
1956	240	183	286	193	193	252	212	198	213
1957	270	255	228	173	243	259	210	200	205
1958	219	240	238	145	246	217	177	164	178
1959	239	264	223	130	182	221	256	170	173
1960	176	252	168	148	210	237	186	171	183
1961	177	241	27	151	199	269	197	176	189
1962	151	259	166	155	213	242	193	196	191
1963	183	265	149	175	219	281	213	208	206
1964	227	238	157	179	199	207	231	205	218
1965	245	240	60	195	253	223	235	208	225
1966	202	273	66	208	234	286	227	214	228
1967	215	219	-	226	254	264	231	190	229
1968	196	196	-	226	271	236	215	211	225
1969	289	251	-	220	286	209	239	230	233
1970	320	253	-	208	321	279	242	224	235
1971	226	233	-	201	242	185	208	215	204
1972	295	298	-	223	259	243	237	230	233
1973	268	263	-	236	257	219	250	188	235
1925	-	-	-	19	-	-	30	42	312
1931	-	-	-	21	2	-	34	20	208
1935	-	1	-	13	-	-	23	19	161
1940	-	-	-	8	2	-	22	8	188
1941	-	1	-	5	1	-	18	25	166
1942	-	-	-	9	-	-	29	23	187
1943	1	1	-	10	-	-	28	19	178
1944	-	2	-	7	2	-	16	14	164
1945	-	-	-	1	-	-	23	16	141
1946	-	-	-	10	-	-	21	13	128
1947	-	1	-	7	-	-	16	9	134
1948	-	1	-	5	-	-	17	5	114
1949	-	1	-	4	-	-	5	5	65
1950	-	-	-	2	-	-	13	10	83
1951	-	-	-	5	-	-	15	7	70
1952	-	-	-	4	-	-	7	13	63
1953	-	1	-	3	-	-	8	4	67
1954	-	-	-	1	-	-	6	2	44

Average  
Days  
Worked

Fatalities

YEAR	LYOILING	MCCOHR	McKEAN	SPRINGFIELD	TOTOA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1955	1	-	-	3	-	-	6	9	50
1956	-	-	-	4	-	-	11	1	51
1957	-	-	-	1	-	-	12	3	53
1958	-	-	-	2	-	1	6	3	32
1959	-	-	-	1	-	-	3	2	35
1960	-	-	-	2	-	-	2	-	26
1961	-	-	-	2	-	-	3	-	22
1962	-	-	-	1	-	-	3	1	59
Fatalities									
1963	-	-	-	-	-	-	4	2	21
1964	-	-	-	1	-	-	3	2	18
1965	-	-	-	-	-	-	7	2	33
1966	-	-	-	1	-	-	4	-	28
1967	-	-	-	1	-	-	4	2	27
1968	-	-	-	1	-	-	7	1	29
1969	-	-	-	-	-	-	5	1	25
1970	-	-	-	3	-	-	4	1	30
1971	-	-	-	2	-	-	3	2	32
1972	-	-	-	1	-	-	4	1	19
1973	-	-	-	6	-	-	5	-	17
1975	25,850	101,947	-	2,344,941	52,444	4,275	1,536,159	4,607,224	33,141,496
1931	17,064	77,955	-	1,578,575	86,757	588	2,658,486	2,239,945	20,226,348
1935	36,615	124,902	8,800	1,588,376	88,593	3,900	3,997,248	2,122,995	23,139,543
1940	34,596	50,107	-	1,239,740	61,860	11,909	4,018,227	1,903,517	24,996,290
1941	25,539	86,842	-	1,594,641	91,734	10,096	3,946,044	2,316,383	27,958,946
1942	24,606	78,300	3,024	1,588,509	73,357	7,825	3,912,695	2,213,454	28,811,087
1943	11,733	60,148	500	1,762,100	63,777	5,293	3,795,408	2,312,450	27,967,520
1944	11,908	66,847	-	1,728,431	64,812	4,863	4,027,095	2,150,936	27,967,520
1945	12,726	55,795	5,200	1,602,686	63,001	3,474	3,581,816	1,870,642	25,165,237
1946	11,399	48,970	4,456	1,311,112	43,332	7,549	3,219,689	1,020,664	21,048,972
1947	4,934	53,564	213	1,216,256	26,256	16,693	3,243,826	1,497,347	21,679,669
1948	3,798	59,061	848	1,143,089	31,022	12,823	2,764,413	1,362,650	19,509,263
1949	5,950	45,209	2,245	951,366	24,895	12,608	2,392,305	980,164	15,642,145
1950	4,112	62,240	3,727	1,048,617	33,819	20,476	2,463,502	1,110,737	16,417,442
1951	4,767	76,234	5,420	1,002,053	21,249	21,855	2,477,979	886,064	16,036,009
1952	3,379	59,407	4,872	766,472	9,656	31,834	1,999,967	808,036	12,906,961
1953	3,552	55,910	8,221	609,443	10,597	39,779	2,590,581	802,783	13,656,135
1954	5,512	42,579	6,206	348,436	8,506	34,826	1,975,191	423,834	10,342,874
1955	7,307	74,580	10,652	614,482	14,046	63,107	1,886,560	541,990	11,401,377
1956	9,376	52,916	10,594	654,496	16,194	42,801	1,639,999	538,348	10,757,603
1957	11,599	43,900	3,880	555,835	28,237	37,346	1,347,653	473,330	9,646,511
1958	9,226	45,538	3,332	349,260	31,065	37,355	1,075,911	347,233	7,339,300
1959	8,622	44,327	3,799	278,957	19,483	35,123	885,253	325,874	6,442,554
1960	7,035	46,202	1,479	256,391	22,292	27,440	984,439	303,676	6,124,070
1961	6,034	49,686	81	241,953	17,446	26,342	862,489	286,672	5,598,006
1962	3,856	51,113	2,158	238,131	17,700	23,910	802,853	283,939	5,209,651

Man-Days

YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1963	3,481	37,078	2,826	256,771	19,645	41,535	845,416	294,192	5,407,629
1964	4,775	28,337	1,727	244,780	17,760	24,067	921,735	288,907	5,684,778
1965	5,641	27,573	2,178	268,115	22,035	21,198	952,692	266,404	5,674,572
1966	5,057	32,177	1,320	271,061	18,707	29,767	996,318	263,037	5,647,153
1967	5,604	17,055	-	273,207	23,131	30,110	1,011,991	208,270	5,444,286
1968	3,921	7,641	-	272,013	27,100	19,815	938,613	187,830	5,214,180
1969	3,303	10,780	-	262,607	34,018	26,294	985,628	169,676	5,346,845
1970	5,436	10,374	-	281,011	35,999	23,728	1,127,035	187,259	5,793,426
1971	4,756	13,051	-	270,015	33,726	18,160	959,108	187,033	5,417,244
1972	4,713	11,922	-	276,729	22,241	17,227	1,069,446	193,141	5,983,887
1973	8,579	10,767	-	339,191	27,004	15,135	1,201,858	156,025	6,276,867
1925	-	-	-	506,836	-	-	514,051	493,348	433,547
1931	-	-	-	347,920	95,057	-	401,184	562,169	465,597
1935	-	324,260	-	436,549	-	-	690,886	473,119	566,089
1940	-	-	-	604,880	95,299	-	812,389	1,094,610	592,643
1941	-	428,239	-	1,227,546	319,083	-	1,106,467	435,039	767,887
1942	-	-	-	770,989	-	-	712,451	546,420	763,420
1943	51,237	418,298	-	761,327	-	-	725,410	664,368	785,401
1944	-	317,166	-	1,176,652	134,088	-	1,320,583	889,772	880,539
1945	-	-	-	7,594,498	-	-	789,246	688,080	926,928
1946	-	-	-	666,347	-	-	904,003	749,841	965,524
1947	-	353,523	-	1,146,756	-	-	1,338,078	1,098,055	1,080,313
1948	-	389,800	-	1,508,878	-	-	1,073,243	1,798,697	1,145,857
1949	-	406,073	-	1,240,335	-	-	2,496,883	1,044,767	1,343,875
1950	-	-	-	2,950,926	-	-	1,134,212	613,200	1,246,264
1951	-	-	-	1,302,668	-	-	1,073,791	822,773	1,524,001
1952	-	-	-	1,245,500	-	-	1,950,940	404,018	1,385,857
1953	-	559,100	-	1,320,459	-	-	2,104,847	1,304,523	1,372,211
1954	-	-	-	2,264,833	-	-	2,319,790	1,377,460	1,609,636
1955	48,423	-	-	1,159,935	-	-	2,653,531	436,889	1,700,854
1956	-	-	-	1,068,383	-	-	1,364,927	4,505,410	1,737,170
1957	-	-	-	3,827,771	-	-	1,148,665	1,579,083	1,586,123
1958	-	-	-	1,333,971	-	-	1,762,552	1,185,965	2,106,205
1959	-	-	-	2,211,735	-	-	3,356,339	1,718,285	1,875,074
1960	-	-	-	1,090,654	-	-	5,456,610	-	2,522,923
1961	-	-	-	1,107,824	-	-	3,453,012	-	2,871,423
1962	-	-	-	2,702,986	-	-	3,618,455	3,730,800	1,112,678
1963	-	-	-	-	-	-	3,036,517	1,949,431	3,393,284
1964	-	-	-	3,409,154	-	-	4,492,614	2,072,855	4,295,655
1965	-	-	-	-	-	-	2,031,491	2,152,623	2,427,865
1966	-	-	-	3,959,415	-	-	7,072,565	-	2,908,916
1967	-	-	-	4,017,512	-	-	3,694,589	1,778,469	2,929,681
1968	-	-	-	-	-	-	1,941,874	2,952,224	2,610,849
1969	-	-	-	1,344,593	-	-	2,752,280	2,591,158	3,127,401



YEAR	LYCOMING	MERCER	McKEAN	SOMERSET	TIOGA	VENANGO	WASHINGTON	WESTMORELAND	REGION
1970	-	-	-	1,865,079	-	-	3,615,101	2,626,597	2,669,730
Production 1971	-	-	-	3,911,875	-	-	4,181,901	1,197,353	2,243,021
Per Fatal 1972	-	-	-	1,795,722	-	-	3,417,676	2,340,787	3,992,797
1973	-	-	-	739,652	-	-	2,687,110	-	4,517,450

YEAR	TOTAL PRODUCTION	EMPLOYEES	DAYS WORKED	FATALITIES	MAN-DAYS	PRODUCTION PER FATAL
CRAWFORD COUNTY	1950	6	46	-	276	-

## CAMERON COUNTY

1943	1,988	3	76	-	228	-
1944	3,897	5	280	-	1,400	-
1945	3,471	5	200	-	1,000	-
1946	3,010	5	200	-	1,000	-
1947	5,298	5	200	-	1,000	-
1948	19,140	10	191	-	1,914	-
1949	32,699	33	244	-	8,040	-
1950	98,702	38	274	-	9,371	-
1951	72,566	38	224	-	8,518	-
1952	66,206	19	290	-	5,512	-
1953	51,836	12	288	-	3,456	-
1954	59,832	18	222	-	3,989	-
1955	83,841	24	274	-	6,580	-
1956	77,510	15	239	-	3,589	-
1957	62,634	32	241	-	7,704	-
1958	28,712	37	232	-	8,576	-
1959	51,629	35	241	-	8,438	-
1960	107,578	34	238	-	8,105	-
1961	58,663	21	250	-	5,246	-
1962	78,757	22	266	-	5,858	-
1963	68,207	15	279	-	4,188	-
1964	51,316	15	248	-	3,721	-
1965	4,760	10	80	-	796	-
1966 thru 1973	-	-	-	-	-	-



# PRODUCTION TABLE





District 1

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	By Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Fatal Accidents
AH-RS Coal Corp.											
Bruin Tipple	Butler	-	-	-	-	-	-	-	233	6)	-
Jamisonville Tipple (a)	Butler	-	-	-	-	-	-	-	22	)	-
Total		-	-	-	-	-	-	-		6	-
Ambrosia Coal & Construction Co., The											
Grove City Tipple	Mercer	-	-	-	-	-	-	-	302	5	-
Hillsville Tipple	Lawrence	-	-	-	-	-	-	-	302	6	-
Total		-	-	-	-	-	-	-		11	-
B & D Coal Co.											
B & D Tipple	Butler	-	-	-	-	-	-	-	74	3	-
Black Fox Mining & Development Corp.											
Kincaid Tipple	Butler	-	-	-	-	-	-	-	239	3	-
Eagal Coal Co.											
Craig Saul	Butler	-	-	10,368	4,443	-	14,811	-	221	7	1
Fisher Mining Co., C. A.											
Kathryn	Butler	-	-	29,426	25	-	29,451	-	275	9	-
Guthrie, Clinton Tipple	Mercer	-	-	-	-	-	-	-	59	1	-
Kerry Coal Co.											
Rovella Tipple	Butler	-	-	-	-	-	-	-	304	6	-
Lakeview Processing Corp.											
Hilliards Preparation Plant	Butler	-	-	-	-	-	-	-	236	4	-
Miller & McKnight Coal Co.											
Davis Tipple	Mercer	-	-	-	-	-	-	-	189	4	-
North Butler Coal Co.											
Oneida Tipple	Butler	-	-	-	-	-	-	-	284	2	-
Perry-Ross Coal Co.											
Perry-Ross Tipple	Mercer	-	-	-	-	-	-	-	306	4	-
Republic Steel Corp.											
Russellton	Allegheny	575,663	-	-	411	-	576,074	-	249	268	-
Russellton Cleaning Plant	Allegheny	-	-	-	-	-	-	-	249	24	-
Total		575,663	-	-	411	-	576,074	-		292	-
Sunbeam Coal Corp.											
Sunbeam Tipple	Butler	-	-	-	-	-	-	-	243	3	-
Union Carbide Corp.											
Fawn (b)	Butler	7,820	-	-	-	-	7,820	-	10	85	1
Veon, Inc., Ralph A.											
Darlington Tipple	Beaver	-	-	-	-	-	-	-	254	1	-
Western Hickory Coal Co., Inc.											
Boyers Tipple (c)	Butler	-	-	-	-	-	-	-	184	3	-

District 1

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used			Total : Aver- Produc-: age tion : Days	Fatal Acci- dents
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Coal Used in Manu- facture of Coke	Total Produc- tion of Coal	Total Produc- tion of Coke	No. of Em- ployes		
West Freedom Mining Corp.	Butler	-	-	-	-	-	-	-	15	9	-
Blackeburg Tipple	Butler	-	-	-	-	-	-	-	281	3	-
Willowbrook Mining Co.	Mercer	-	-	-	-	-	-	-	155	4	-
Willowbrook Tipple	Mercer	-	-	-	-	-	-	-	200	460	-
Zuck Coal Co.	Venango	-	-	-	-	-	-	-	200	460	-
Zuck Preparation Plant	Venango	-	-	-	-	-	-	-	200	460	-
District Total		583,483	-	39,794	4,879	-	628,156	-	200	460	4

NOTE: (a) Operated by Thomas B. Mathieson Coal Company for 17 days.  
(b) Ceased operating January 19, 1973.  
(c) Operated by the Grove City Construction Company for 161 days.

District 2

Tesene Coal Company	Armstrong	-	-	27,000	-	-	27,000	-	113	14	-
Man-Lee	Armstrong	-	-	-	-	-	-	-	-	-	-
District 3											
Buckeye Coal Co., The	Breene	-	1,111,535	-	2,565	-	1,114,100	-	257	411	49
Menacolin	Breene	-	-	-	-	-	-	-	-	-	-
United States Steel Corp.	Breene	-	549,014	-	284	-	549,298	-	245	497	1
Robena No. 1 & MUS*	Breene	-	695,014	-	332	-	695,346	-	247	275	1
Robena No. 2	Breene	-	772,962	-	420	-	773,382	-	246	286	1
Robena No. 3	Breene	-	853,522	-	420	-	853,942	-	247	271	1
Robena No. 4	Breene	-	-	-	-	-	-	-	246	143	1
Robena Preparation Plant	Breene	-	2,870,512	-	1,456	-	2,871,968	-	1,472	1,472	5
Total		-	3,982,047	-	4,021	-	3,986,068	-	248	1,883	54
District Total		-	-	-	-	-	-	-	-	-	-

\* Maintenance, Utility and Service.

District 4

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Total	
		By	By	By	Locally	Manu-	facture	Production	of Coke	Production	of Coke
		Rail	Water	Truck	for	of	of	of Coal	of Coke	of Coal	of Coke
<b>Bren-Mar Minerals</b>											
Bren-Mar	Greene	-	-	70,218	-	-	-	70,218	-	255	18
Dunkard Mining Co.	Greene	-	44,470	-	-	-	-	44,470	-	241	20
Dunkard	Greene	-	22,064	-	-	-	-	22,064	-	234	10
Poland	Greene	-	66,534	-	-	-	-	66,534	-	30	-
<b>Total</b>											
Duquesne Light Co.	Greene	-	559,752	-	-	-	-	559,752	-	233	203
Warwick No. 2	Greene	-	-	-	-	-	-	-	-	233	20
Warwick No. 2 Cleaning Pl.	Greene	-	-	-	-	-	-	-	-	233	301
Warwick No. 3	Greene	-	865,815	-	240	-	-	866,055	-	233	43
Warwick No. 4	Greene	-	226,918	-	-	-	-	226,918	-	233	567
<b>Total</b>											
Eberhart, George R.	Greene	-	1,652,485	-	240	-	-	1,652,725	-	567	11
Titus	Greene	-	-	-	4,004	-	-	4,004	-	198	2
Pettite Bros. Coal Co., Inc.	Greene	-	-	25,491	-	-	-	25,491	-	177	10
Pettite	Greene	-	-	-	-	-	-	-	-	-	-
Williamson Shaft Contracting, Inc.	Greene	-	-	-	-	-	-	-	-	149	26
Fox Shaft	Greene	-	-	-	-	-	-	-	-	36	12
Fox Run Air Shaft	Greene	-	-	-	-	-	-	-	-	235	26
Staggers Shaft	Greene	-	-	-	-	-	-	-	-	64	8
<b>Total</b>											
District Total		-	1,719,019	95,709	4,244	-	-	1,818,972	-	226	691
											19

District 5

<b>Harnar Coal Co.</b>											
Harnar	Allegheny	-	359,783	32,002	-	-	-	391,785	-	223	192
Oakmont	Allegheny	-	310,964	27,793	-	-	-	338,667	-	234	131
Harnar Cleaning Plant	Allegheny	-	-	-	-	-	-	-	-	223	36
<b>Total</b>											
		-	670,747	59,795	-	-	-	730,452	-	359	1
<b>Micale, Joe</b>											
Micale Coal Yard Refuse	Allegheny	-	-	2,925	-	-	-	2,925	-	24	2
Pittsburgh Coal Co.	Allegheny	877,051	8,204	36,203	-	-	-	921,458	-	240	268
Renton	Allegheny	-	-	-	-	-	-	-	-	240	22
Renton Cleaning Plant	Allegheny	-	-	-	-	-	-	-	-	-	290
<b>Total</b>											
		877,051	8,204	36,203	-	-	-	921,458	-	-	-





### District 7

		Production of Coal & Coke - Net Tons					Total Production of Coke	Aver- age Days Worked	No. of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market	Locally Used	Coal	Used in Manu- facture of Coke	Total Produc- tion of Coal					
	County	By Rail	By Water	By Truck	for Domestic Purposes						
<b>Operators and Mines</b>											
<b>United States Steel Corp.</b>											
Maple Creek No. 1	Washington	-	984,723	1	-	-	984,724	242	378	1	2
Maple Creek No. 2	Washington	-	1,099,930	2	-	-	1,099,932	243	344	-	-
Maple Creek Preparation Pl.	Washington	-	-	-	-	-	-	244	84	-	-
<b>Total</b>		-	2,084,653	3	-	-	2,084,656	-	806	1	2
<b>District Total</b>		2,286,694	2,084,653	3	2,734	-	4,374,084	257	1,790	1	12

## District 8

[illegible]

NOTE: (a) This preparation plant cleans and prepares coal from Vesta Nos. 4 and 5 and Shannopin Mines of the Jones & Laughlin Steel Corporation and the Gateway Mine of the Gateway Coal Company.





# District 9

Production of Coal & Coke - Net Tons									
Operators and Mines	County	Shipped to Market		Coal Used		Total Production of Coal	Total Production of Coke	Average Days Worked	Non-fatal Accidents
		By Rail	By Water	By Truck	Locally for Domestic Purposes				
River Hill Coal Co., Inc.	Clearfield	-	-	-	-	-	-	226	3
Rolling Stone Tipple	Clearfield	-	-	-	-	-	-	262	8
Shawville Coal Co.	Clearfield	-	-	-	-	-	-	262	9
Hyland Tipple	Clearfield	-	-	-	-	-	-	262	17
Surveyor Tipple	Clearfield	-	-	-	-	-	-	262	17
Total									
Siegel Coal Co., Harold A.	Clarion	-	-	-	-	-	-	302	11
Siegel No. 3 Tipple	Clarion	-	-	-	-	-	-	302	11
Stahlman Coal Co., Inc., W. P.	Jefferson	-	-	-	-	-	-	291	11
Stahlman Washery	Jefferson	-	-	-	-	-	-	291	11
Tetter Coal Co., John	Clearfield	-	-	-	-	-	-	260	2
Eagle Rock No. 10 Tipple	Clearfield	-	-	-	-	-	-	260	2
Thomas Bros. Coal Co.	Clearfield	-	-	-	-	-	-	70	6
Hickory No. 1 Tipple	Clearfield	-	-	-	-	-	-	70	6
Weaver & Son, A. P.	Clarion	-	-	-	-	-	-	307	4
Fryburg Tipple	Clarion	-	-	-	-	-	-	307	5
Washing Plant	Clarion	-	-	-	-	-	-	307	9
Total									
Zacherl Coal Co., Inc.	Clarion	-	-	-	-	-	-	305	4
Lucinda Tipple	Clarion	-	-	-	-	-	-	305	4
District Total		256,402	-	174,379	-	430,781	-	242	356

# District 10

Allegheny River Mining Co.	Armstrong	271,800	-	-	349	-	272,149	-	228	69	13
Harold	Armstrong	-	-	-	-	-	-	-	257	24	2
Cadogan Preparation Plant	Armstrong	-	-	-	-	-	-	-	257	24	2
Total		271,800	-	-	349	-	272,149	-	257	93	15
B H & H, Inc.	Armstrong	-	-	-	-	-	-	-	248	5	-
Decker Tipple	Armstrong	-	-	-	-	-	-	-	248	5	-
Carpentertown Coal & Coke Co.	Armstrong	-	-	-	-	176,408	176,408	272	272	47	2
Mahoning Creek No. 1	Armstrong	-	-	-	-	37,154	37,154	75	75	83	-
Mahoning Creek No. 2	Armstrong	-	-	-	-	-	-	277	277	9	-
Mahoning Creek Cleaning Pl.	Armstrong	-	-	-	-	-	-	277	277	9	-
Total		-	-	-	-	213,562	213,562	167,298	167,298	139	2

District 10

Operators and Mines		Production of Coal & Coke - Net Tons										Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Coal Used		Used in		Total		Aver- age Days Worked			
	County	By Rail	By Water	By Truck	for Domestic Purposes	Manu- facture of Coke	Coal	Produc- tion of Coal	Produc- tion of Coke	Days Worked			
Rob Coal Co.	Armstrong	-	-	-	-	-	-	-	-	164	3	-	
Cadogan Tipple	Armstrong	-	-	717,918(a)	-	-	-	717,918	-	230	222	-	
Rochester & Pittsburgh Coal Co.	Armstrong	-	-	1,615,422(a)	-	-	-	1,615,422	-	230	486	-	
Emilie	Armstrong	-	-	552,651(a)	-	-	-	552,651	-	237	129	-	
Jane	Armstrong	-	-	2,885,991	-	-	-	2,885,991	-	-	837	-	
Margaret	Armstrong	-	-	-	-	-	-	-	-	-	-	-	
Total		-	-	-	-	-	-	-	-	-	-	-	
District Total		271,800	-	2,885,991*	349	213,562	3,371,702	167,298	227	1,077	-	-	

NOTE: (a) Coal was transported by conveyor belt.

District 11

Altmore Bros. Coal Co.	Armstrong	-	-	-	-	-	-	-	-	189	9	-	-
North Apollo Tipple	Armstrong	-	-	-	-	-	-	-	-	243	127	-	3
Canterbury Coal Co.	Armstrong	-	-	617,477	-	-	-	617,477	-	243	19	-	-
David	Armstrong	-	-	-	-	-	-	-	-	-	146	-	-
David Cleaning Plant	Armstrong	-	-	617,477	-	-	-	617,477	-	-	-	-	3
Total		-	-	-	-	-	-	-	-	-	-	-	-
Kaskan Coal Co.	Armstrong	-	-	3,125	1,225	-	-	4,350	-	127	5	-	-
Kaskan No. 2	Armstrong	-	-	-	-	-	-	-	-	-	-	-	-
Leechburg Mining Co.	Armstrong	-	-	-	-	-	-	-	-	-	-	-	-
Foster (a)	Armstrong	114,262	-	-	-	-	-	114,262	-	64	98	-	4
Foster Cleaning Plant (a)	Armstrong	-	-	-	-	-	-	-	-	64	4	-	-
Total		114,262	-	-	-	-	-	114,262	-	-	102	-	5
Loyal Creek Coal Co.	Westmoreland	-	-	3,900	111	-	-	4,011	-	231	3	-	-
Loyal Creek No. 1	Westmoreland	-	-	-	-	-	-	-	-	231	5	-	1
Partner Coal Co.	Allegheny	-	-	-	-	-	-	-	-	-	-	-	-
Gilmur No. 1	Allegheny	-	-	14,455	-	-	-	14,455	-	241	97	-	3
Penn Allegh Coal Co., Inc.	Allegheny	-	-	500,000	-	-	-	500,000	-	240	3	-	1
Allegheny No. 2	Allegheny	-	-	-	-	-	-	-	-	-	-	-	-
Allegheny No. 2 Cleaning Pl.	Allegheny	-	-	-	-	-	-	-	-	-	-	-	-
Total		-	-	500,000	-	-	-	500,000	-	-	100	-	4

District 11

		Production of Coal & Coke - Net Tons									
Operators and Mines	County	Shipped to Market			Coal Used			Total Production of Coal			Non-Fatal Accidents
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Production of Coke	Average Days Worked	No. of Employees	
Tunnelton Mining Co.	Indiana	419,797	-	-	-	-	419,797	-	237	152	15
Marion	Indiana	-	-	-	-	-	-	-	237	5	-
Marion Cleaning Plant		419,797	-	-	-	-	419,797	-	-	157	15
Total											
District Total		534,059	-	1,138,957	1,336	-	1,674,352	-	204	527	28

NOTE: (a) Mine and Cleaning Plant ceased operating on March 31, 1973.

District 12

Ansell, Earl	Westmoreland	-	-	-	984	-	984	-	162	6	-
Joyce	Westmoreland	-	-	-	-	-	-	-	-	-	-
Eastern Associated Coal Corp.	Westmoreland	328,250	-	-	-	-	328,250	-	248	97	5
Delmont	Westmoreland	-	-	-	-	-	-	-	248	14	-
Delmont Cleaning Plant	Westmoreland	328,250	-	-	-	-	328,250	-	-	111	5
Total											
Morenet Coal Co., Inc.	Westmoreland	-	-	3,056	-	-	3,056	-	138	3	1
Moore's	Westmoreland	-	-	-	-	-	-	-	-	-	-
Orisik Coal Co.	Westmoreland	-	-	-	200	-	200	-	30	2	-
Orisik	Westmoreland	-	-	-	-	-	-	-	-	-	-
Pittsburgh Coal Co.	Westmoreland	38,757	-	-	124,361	-	163,118	-	84	154	-
Hutchinson (a)	Westmoreland	-	-	-	-	-	-	-	182	12	-
Hutchinson Preparation Plant	Westmoreland	-	-	-	-	-	-	-	-	-	-
Total		38,757	-	124,361	-	-	163,118	-	-	166	-
Republic Steel Corp.	Westmoreland	732,926	-	-	852	-	733,778	-	249	276	1
Banning No. 4	Westmoreland	-	-	-	-	-	-	-	249	27	-
Banning No. 4 Prep. Plant	Westmoreland	732,926	-	-	852	-	733,778	-	-	303	-
Total											
Sekora, III, John P.	Westmoreland	-	-	-	1,211	-	1,211	-	113	8	-
Sekora	Westmoreland	-	-	-	-	-	-	-	-	-	-
District Total		1,099,933	-	127,417	3,247	-	1,230,597	-	201	599	7

NOTE: (a) Mine permanently closed during April, 1973.



## District 13

Operators and Mines	County	Production of Coal & Coke - Net Tons										Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Coal Used		Total Produc- tion of Coal	Aver- age Days Worked	No. of Em- ployes	Total Produc- tion of Coke	No. of Em- ployes			
		By Rail	By Water	By Truck	Locally for Domestic Purposes						Used in Manu- facture of Coke		
Borts Coal Co.	Fayette	-	-	-	-	-	30	4	-	-	-	-	
Daugherty Tipple	Fayette	-	-	-	-	-	-	-	-	-	-	-	
Brownsville Welding Co.	Fayette	-	-	5,355	2,660	8,015	186	3	-	-	-	-	
Refuse	Fayette	-	-	-	-	-	-	-	-	-	-	-	
Taylor Preparation Plant		-	-	5,355	2,660	8,015	-	3	-	-	-	-	
Total													
Coal Energies, Ltd.	Fayette	2,180	-	-	794	2,974	122	6	-	-	-	-	
Allison Refuse (a)		-	-	-	-	-	-	-	-	-	-	-	
Genovese Coal Co.	Fayette	-	-	-	-	-	198	4	-	-	-	-	
New Geneva Tipple		-	-	-	-	-	-	-	-	-	-	-	
J & C Loading Co.	Fayette	-	-	-	-	-	108	2	-	-	-	-	
Grays Landing Dock	Fayette	-	-	-	-	-	147	4	-	-	-	-	
Masontown Dock	Fayette	-	-	-	-	-	-	6	-	-	-	-	
Total													
Jones & Laughlin Steel Corp.		-	-	-	-	-	-	-	-	-	-	-	
Shannopin	Greene	-	993,694	-	1,178	994,872	264	392	1	9	-	-	
Cleaning Plant	Greene	-	-	-	-	-	264	37	-	-	-	-	
Total		-	993,694	-	1,178	994,872	-	429	1	9	-	-	
Kovach Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
Kovach No. 4	Fayette	-	-	3,783	-	3,783	230	4	-	-	-	-	
Laurita Coal Co.		-	-	-	-	-	-	-	-	-	-	-	
Laurita Cleaning Plant (b)	Fayette	-	-	-	-	-	40	3	-	-	-	-	
National Mines Corp.		-	-	-	-	-	-	-	-	-	-	-	
Isabella	Fayette	-	654,429	-	1,273	655,702	252	234	-	8	-	-	
Isabella Cleaning Plant	Fayette	-	-	-	-	-	252	30	-	-	-	-	
Total		-	654,429	-	1,273	655,702	-	264	-	8	-	-	
Ruane Coal & Coke Co.		-	-	-	-	-	-	-	-	-	-	-	
Laughed Owens	Fayette	-	-	-	-	-	21,049	186	10	-	-	-	
United States Steel Corp.		-	-	-	-	-	-	-	-	-	-	-	
Mt. Braddock	Fayette	-	111,440	-	300	111,440	246	73	-	-	-	-	
Utilities Fuel Co.		-	-	-	-	-	-	-	-	-	-	-	
Old Lock No. 8 Prep. Plant	Fayette	-	-	-	-	-	207	7	-	-	-	-	
District Total		2,180	1,759,263	9,138	6,205	1,776,786	21,049	252	813	1	17	-	

NOTE: (a) Ceased operating on June 30, 1973.  
 (b) Formerly operated by the J & J Mining Company.



District 14

County	Production of Coal & Coke - Net Tons										Fatal Acci- dents	Non- fatal Acci- dents	
	Shipped to Market			Coal Used			Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days Worked	No. of Em- ployes			
	By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manu- facture of Coke								
Indiana	-	-	-	-	-	-	-	-	-	198	6	-	-
Jefferson	-	-	-	-	-	-	-	-	-	26	4	-	1
Armstrong	-	-	-	-	-	-	-	-	-	102	4	-	-
Total	-	-	-	-	-	-	-	-	-	-	8	-	-
Armstrong	-	-	1,484	-	-	-	-	1,484	-	150	2	-	-
Armstrong	-	-	-	-	-	-	-	-	-	86	3	-	-
Total	-	-	1,484	-	-	-	-	1,484	-	-	5	-	-
Armstrong	-	-	-	-	-	-	-	-	-	240	4	-	-
Indiana	-	-	59,793	-	-	-	-	59,793	-	249	13	-	1
Indiana	-	-	-	125	-	-	-	125	-	38	3	-	-
Armstrong	-	-	-	-	-	-	-	-	-	257	7	-	-
Jefferson	42,829	-	-	-	-	-	-	42,829	-	246	7	-	1
Indiana	132,825	-	-	-	-	-	-	132,825	-	246	24	-	4
Jefferson	-	-	-	-	-	-	-	-	-	270	6	-	1
Total	175,654	-	-	-	-	-	-	175,654	-	-	37	-	6
Jefferson	8,891	-	-	-	-	-	-	8,891	-	250	6	-	1
Indiana	-	-	-	-	-	-	-	-	-	42	2	-	-
Jefferson	-	-	-	-	-	-	-	-	-	146	3	-	-
Armstrong	480	-	-	-	-	-	-	480	-	101	7	-	-
Armstrong	-	-	-	-	-	-	-	-	-	199	4	-	-
Total	480	-	-	-	-	-	-	480	-	-	11	-	-
Jefferson	6,070	-	-	-	-	-	-	6,070	-	160	5	-	-
Jefferson	-	-	12,987	7	-	-	-	12,994	-	146	10	-	1
Indiana	5,290	-	-	2,267	-	-	-	7,557	-	229	4	-	-



# District 15

County	Production of Coal & Coke - Net Tons										Fatal Acci- dents	Non- fatal Acci- dents	
	Shipped to Market			Coal Used		Used in		Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days Worked			No. of Em- ployes
	By Rail	By Water	By Truck	Locally for	Domestic Purposes	Manu- facture of Coke							
Operators and Mines													
Mears Coal Co.	Indiana	-	-	-	-	-	-	-	239	14	-	-	
Mears Preparation Plant	Indiana	-	-	41,657	-	-	-	41,657	231	11	-	-	
M. Y. Coal Co.	Indiana	378,171	-	-	-	-	-	378,171	231	291	-	33	
Oneida Mining Co., The	Indiana	-	-	-	-	-	-	132,735	244	20	-	-	
Oneida No. 4	Indiana	-	-	132,735	-	-	-	132,735	244	20	-	-	
Penn Hill Coal Corp.	Indiana	-	-	-	-	-	-	6,410	37	21	-	-	
Penn Hill No. 2	Indiana	-	-	-	-	-	-	-	-	-	-	-	
Valley Coal Co., Inc.	Indiana	-	-	6,410	-	-	-	6,410	37	21	-	-	
Valley No. 2	Indiana	-	-	-	-	-	-	-	-	-	-	-	
District Total		378,171	-	982,489	2,338	-	-	1,362,998	223	732	-	74	

# District 16

Florence Mining Co., The	Indiana	-	-	-	-	-	-	34,733	-	248	30	-	4
Dias	Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Florence No. 1 (Robinson Portal)	Indiana	-	-	-	-	-	-	859,533(a)	-	227	355	-	52
Florence No. 2	Indiana	-	-	-	-	-	-	286,571(a)	-	241	173	-	37
Central Shop & Prep. Plant	Indiana	-	-	-	-	-	-	-	-	249	63	-	1
Total		-	-	-	-	-	-	1,180,837	-	-	621	-	94
North American Coal Corp., The	Indiana	-	-	-	-	-	-	-	-	-	-	-	-
Conemaugh No. 1	Indiana	-	-	-	-	-	-	547,015(a)	-	247	165	-	11
Conemaugh No. 1 Cleaning Pl.	Indiana	-	-	-	-	-	-	-	-	247	12	-	-
Total		-	-	-	-	-	-	547,015	-	-	177	-	11
District Total		-	-	-	-	-	-	1,727,852	-	237	798	-	105

NOTE: (a) Coal was transported by conveyor belt.

## District 17

Operators and Mines	County	Production of Coal & Coke - Net Tons										Non- Fatal Acci- dents
		Shipped to Market			Coal Used				Total Produc- tion of Coal	Aver- age Days Worked	No. of Em- ployes	
		By Rail	By Water	By Truck	Locally for	Domestic Purposes	Used in Manu- facture of Coke					
Associated Drilling Co., Inc. Kephart	Clearfield	-	-	224,467	-	-	-	224,467	242	54	-	5
Avery Coal Co., Inc. Van Tipple	Clearfield	-	-	-	-	-	-	-	247	18	-	-
Benjamin Coal Co. Benjamin No. 3 Cleaning Pl.	Clearfield	-	-	-	-	-	-	-	286	15	-	-
Benjamin No. 6 Cleaning Pl.	Clearfield	-	-	-	-	-	-	-	287	15	-	-
Total		-	-	-	-	-	-	-	-	30	-	-
Bradford Coal Co., Inc. Militant Smokeless No. 1 Preparation Plant	Clearfield	-	-	-	-	-	-	-	271	29	-	-
Shannon Smokeless No. 1 Preparation Plant	Clearfield	-	-	-	-	-	-	-	245	12	-	-
Total		-	-	-	-	-	-	-	-	41	-	-
Cambria Mills Coal Co., Inc. Apple No. 4 Tipple	Clearfield	-	-	-	-	-	-	-	276	2	-	-
Carlin, Inc., R. S. Snow Shoe Tipple	Centre	-	-	-	-	-	-	-	252	5	-	1
Renovo Tipple	Clinton	-	-	-	-	-	-	-	166	5	-	-
Total		-	-	-	-	-	-	-	-	10	-	-
Elliot Coal Mining Co., Inc. Elliot Tipple (a)	Centre	-	-	-	-	-	-	-	107	7	-	-
Truckers (a)	Centre	-	-	-	-	-	-	-	111	14	-	-
Rosemary (b)	Clearfield	-	-	-	-	-	-	-	185	2	-	-
Total		-	-	-	-	-	-	-	-	23	-	-
Empire Coal Co. Heverly Tipple	Clearfield	-	-	-	-	-	-	-	157	7	-	-
Fisher Mining Co. Fisher Tipple	Lycoming	-	-	-	-	-	-	-	304	10	-	2
Flango Bros. Coal Flango Tipple	Clearfield	-	-	-	-	-	-	-	260	3	-	-
Garden Coal Co., Inc. Garden Tipple	Clinton	-	-	-	-	-	-	-	267	5	-	-
Johnson & Morgan Bradford Breaker	Centre	-	-	-	-	-	-	-	261	2	-	-
Jones & Brague Mining Co. Pinehill Tipple	Tioga	-	-	-	-	-	-	-	247	14	-	-
Kristianson & Johnson Coal Co. Westover Tipple	Cambria	-	-	-	-	-	-	-	300	4	-	1



# District 17

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used			Total	
		By Rail	By Water	By Truck	By Domestic Purposes	Locally for Manufacture of Coke	Used in	Total Production of Coal	Production of Coke	Average Days Worked	No. of Employees
North Cambria Fuel Co.	Cambria	-	-	115,130	-	-	-	115,130	-	244	25
Hastings No. 7	Cambria	-	-	-	-	-	-	-	-	244	10
Hastings Cleaning Plant		-	-	115,130	-	-	-	115,130	-	-	35
Total											
North Camp Mining Co.	Clearfield	-	-	54,085	-	-	-	54,085	-	260	24
North Camp No. 3	Clearfield	-	-	-	-	-	-	-	-	108	7
Powell Coal Co., C. E.	Clinton	-	-	-	-	-	-	-	-	254	4
Irvena Fipple	Centre	468,512	-	-	-	-	-	468,512	-	239	144
River Hill Coal Co., Inc.	Centre	-	-	-	-	-	-	-	-	239	37
Cooks Run Fipple		468,512	-	-	-	-	-	468,512	-	-	181
Rushton Mining Co.	Centre	-	-	-	-	-	-	-	-	-	-
Rushton Cleaning Plant		-	-	-	-	-	-	-	-	-	-
Total											
Stott Coal Co., Inc.	Centre	-	-	-	-	-	-	-	-	240	3
Belfast No. 14 Plant	Bradford	-	-	-	40	-	-	40	-	79	1
Wittig, Arthur		-	-	-	-	-	-	-	-	-	-
Fall Mine No. 1		-	-	-	-	-	-	-	-	-	-
District Total		468,512	-	393,682	40	-	-	862,234	-	238	478

NOTE: (a) Ceased operating during June, 1973.  
(b) Mine closed during September, 1973.

# District 18

Barnes & Tucker Co.	Cambria	418,855	-	165,363	27,372	-	-	611,590	-	232	234	51
Lancashire No. 24B	Cambria	503,397	-	-	-	-	-	503,397	-	231	313	79
Lancashire No. 24D	Cambria	392,808	-	10,625	-	-	-	403,433	-	223	277	77
Lancashire No. 25	Cambria	-	-	-	-	-	-	-	-	232	32	-
Lancashire No. 24 Prep. Pl.	Cambria	-	-	-	-	-	-	-	-	223	47	-
Lancashire No. 25 Prep. Pl.	Cambria	-	-	-	-	-	-	-	-	-	-	-
Total		1,315,060	-	175,988	27,372	-	-	1,518,420	-	-	903	207
Garay Coal Co.	Cambria	-	-	-	899	-	-	899	-	90	3	-
Sterling No. 9	Cambria	26,947	-	23,168	-	-	-	50,115	-	246	11	-
Hillsdale Mining Co.		-	-	-	-	-	-	-	-	-	-	-
Hillsdale No. 1		-	-	-	-	-	-	-	-	-	-	-

District 18

Operators and Mines	County	Production of Coal & Coke - Net Tons					Total : Produc- tion : of Coke	Aver- age Days Worked	No. of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market	Locally Used	Coal Used	Used in Manu- facture of Coke	Total Produc- tion of Coal					
		By Rail	By Water	By Truck	Domestic Purposes						
Sponsky, William F.	Cambria	-	-	-	821	821	-	128	2	-	-
Sponsky No. 1		1,342,007	-	199,156	29,092	1,570,255	-	228	919	-	207
District Total											

District 19

Bethlehem Mines Corp.	Cambria	468,311	-	-	-	468,311	-	236	369	-	6
Mine No. 32											
Eastern Associated Coal Corp.	Cambria	328,268	-	-	4,690	332,958	-	245	221	1	34
Colver "B"	Cambria	-	-	-	-	-	-	245	24	-	-
Colver Cleaning Plant		328,268	-	-	4,690	332,958	-	245	245	1	34
Total											
Greenwich Collieries Co.	Indiana	951,358	-	-	-	951,358	-	222	464	-	80
Mine No. 1	Indiana	639,112	-	-	-	639,112	-	224	461	-	67
Mine No. 2	Indiana	-	-	-	-	-	-	224	22	-	-
Greenwich Cleaning Plant		-	-	-	-	-	-	-	-	-	-
Total		1,590,470	-	-	-	1,590,470	-	-	947	-	147
Starford Coal Corp.	Cambria	-	-	-	7,925	7,925	-	169	11	-	-
Oak Hill											
District Total		2,387,049	-	-	12,615	2,399,664	-	229	1,572	1	187

District 20

Bethlehem Mines Corp.	Cambria	378,159	-	-	-	378,159	-	256	371	-	10
Mine No. 31	Cambria	-	-	-	313,232	313,232	-	263	176	-	2
Brookdale No. 77	Cambria	-	-	-	-	-	-	263	10	-	-
Brookdale No. 77 Cleaning Pl.	Cambria	-	-	-	-	-	-	-	-	-	-
Total		378,159	-	-	313,232	691,391	-	-	557	-	12
Vinton Coal Co.	Cambria	-	-	-	1,885	1,885	-	199	4	-	-
Vinton No. 3											
District Total		378,159	-	-	1,885	693,276	-	258	561	-	12

## District 21

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Coal		Total		Total	
		By Rail	By Water	By Truck	For Domestic Purposes	Locally for	Used in Manufacture of Coke	Production of Coal	Production of Coke	Age of Days Worked	No. of Employees
Bethlehem Mines Corp.	Cambria	108,005	-	125,004	-	-	-	233,009	-	254	157
Ehrenfeld No. 38	Cambria	-	-	120,611	-	-	-	120,611	-	255	70
Solomon Run No. 73	Cambria	-	-	-	-	-	-	-	-	240	10
Ehrenfeld Processing Plant	Cambria	-	-	-	-	-	-	-	-	-	237
Total		108,005	-	245,615	-	-	-	353,620	-	-	237
Cooney Bros. Coal Co.	Cambria	-	-	-	-	-	-	-	-	260	12
Sonman Processing Plant	Cambria	-	-	-	-	-	-	-	-	-	-
GMK Co.	Cambria	-	-	-	-	-	-	-	-	-	-
Redbird Refuse	Cambria	-	-	29,643	-	-	-	29,643	-	239	9)
Redbird Processing Plant	Cambria	-	-	-	-	-	-	-	-	203	-
No. 37 Refuse	Cambria	-	-	346,494	-	-	-	346,494	-	256	14)
No. 37 Preparation Plant	Cambria	-	-	-	-	-	-	-	-	236	-
Total		-	-	376,137	-	-	-	376,137	-	-	23
Harmony Mining Co.	Cambria	-	-	-	-	-	-	-	-	235	6
Harmony No. 1 (a)	Cambria	-	-	-	-	-	-	-	-	-	-
Island Creek Coal Co.	Cambria	-	-	-	-	-	-	-	-	-	-
Bird No. 2	Somerset	319,013	-	-	-	-	-	319,013	-	251	175
Bird No. 3	Cambria	255,812	-	-	-	-	-	255,812	-	251	148
Bird Processing Plant	Cambria	-	-	-	-	-	-	-	-	258	27
Total		574,825	-	-	-	-	-	574,825	-	-	350
Jandy Coal Co., Inc.	Cambria	203,391	-	-	1,002	-	-	204,393	-	231	73
Eureka No. 40	Cambria	-	-	-	-	-	-	-	-	256	12
No. 40 Upper Processing Pl.	Cambria	-	-	-	-	-	-	-	-	-	-
Total		203,391	-	-	1,002	-	-	204,393	-	-	85
Longwall Mining, Inc.	Cambria	-	-	156,684	-	-	-	156,684	-	250	52
M & K Coal Co.	Cambria	-	-	-	-	-	-	-	-	-	-
No. 40 Refuse	Cambria	-	-	132,839	-	-	-	132,839	-	253	13
No. 40 Processing Plant	Cambria	-	-	-	-	-	-	-	-	248	16
St. Michael Processing Plant	Cambria	-	-	-	-	-	-	-	-	186	8
Total		-	-	132,839	-	-	-	132,839	-	-	37
District Total		886,221	-	911,275	1,002	-	-	1,798,498	-	247	802
										1	20

NOTE: (a) Did not produce any coal - cleaning up and timbering.

District 22

County	Production of Coal & Coke - Net Tons										Fatal Acci- dents	Non- fatal Acci- dents	
	Shipped to Market		Coal Used		Used in Manu- facture of Coke	Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days Worked	No. of Em- ployes				
	By Rail	By Water	By Truck	Locally for Domestic Purposes									
Operators and Mines													
Bedford	Barton Coal Co., Sam	-	-	-	322	-	322	-	26	3	-	-	
	Figard No. 3	-	-	-	-	-	-	-	-	-	-	-	
	Bloom, Jr., Ralph	-	-	-	3,004	-	3,004	-	202	1	-	-	
	Bloom No. 1	-	-	-	-	-	-	-	-	-	-	-	
	Cairnbrook Coal Co., Inc.	-	-	61,242	-	-	61,242	-	236	20	-	2	
	Cairnbrook No. 9 (a)	-	-	-	-	-	-	-	-	-	-	-	
	Country Club Coal Co.	6,030	-	-	9,030	-	15,060	-	219	13	-	-	
	Country Club No. 6	6,302	-	-	8,401	-	14,703	-	216	16	-	-	
	Country Club No. 7	12,332	-	-	17,431	-	29,763	-	-	29	-	-	
Total													
Somerset	Doe Valley Coal Co.	-	-	-	-	-	-	-	227	3	-	-	
	Doe Valley Tipple	-	-	-	-	-	-	-	-	-	-	-	
	Fetterolf Coal Co., Inc., M. F.	-	-	-	-	-	-	-	9	3	-	-	
	No. 4 Tipple	-	-	-	-	-	-	-	-	-	-	-	
	Grela Coal Co.	-	-	-	112	-	112	-	21	2	-	-	
	Grela	-	-	-	-	-	-	-	-	-	-	-	
	Heshbon Coal Co., Inc.	-	-	-	-	-	-	-	206	3	-	-	
	Eureka No. 36 Tipple	-	-	-	-	-	-	-	-	-	-	-	
	Hiysota Fuel Co., Inc.	-	-	-	-	-	-	-	-	-	-	-	
	Ralphston No. 1 (b)	-	-	-	-	-	-	-	55	9	-	-	
	J R Sales, Inc.	105,142	-	-	-	-	105,142	-	225	39	-	4	
	East Windber No. 4	6,291	-	-	-	-	6,291	-	57	19	-	1	
	Shade No. 1	111,433	-	-	-	-	111,433	-	-	58	-	5	
Total													
Somerset	J T Coal Co.	-	-	11,050	-	-	11,050	-	188	9	-	1	
	J.T No. 2	-	-	-	-	-	-	-	-	-	-	-	
	Johnson Co., R. G. (c)	-	-	-	-	-	-	-	295	68	1	-	
	Laurel Shaft & Slope	-	-	-	-	-	-	-	-	-	-	-	
	Manion Coal Co., Inc.	-	-	6,000	1,323	-	7,323	-	195	10	-	-	
	Manion No. 1	-	-	-	-	-	-	-	-	-	-	-	
	P B S Coals, Inc.	-	-	-	-	-	-	-	240	15	-	2	
	Shade Creek Cleaning Plant	-	-	-	-	-	-	-	-	-	-	-	
	Potochar & Potochar Coal Co.	-	-	9,071	-	-	9,071	-	232	3	-	-	
	Potochar No. 2	-	-	-	-	-	-	-	-	-	-	-	
	Reits Coal Co.	-	-	-	-	-	-	-	243	18	-	-	
	Reits No. 4 Cleaning Plant	-	-	-	-	-	-	-	-	-	-	-	
	Richland Coal Corp.	455	-	-	852	-	1,307	-	150	2	-	-	
Eureka No. 35 Lower	-	-	-	-	-	-	-	-	-	-	-		
Shade Valley Coal Co.	4,861	-	19	1,429	-	6,329	-	123	13	-	-		



# District 22

Operators and Mines		Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Total	
	County	By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Production of Coal	Production of Coke	Age of Worked	No. of Em- ployes	Fatal Acci- dents
Solar Fuel Co.	Somerset	65,355	-	-	883	-	66,238	-	265	26	3
Solar No. 3	Somerset	134,311	-	-	883	-	135,194	-	265	52	3
Solar No. 5	Somerset	-	-	-	-	-	-	-	289	18	-
Solar Cleaning Plant		199,666	-	-	1,766	-	201,432	-	-	96	6
Total		328,767	-	87,302	26,239	-	442,388	-	228	365	16
District Total											

NOTE: (a) Prior to July 1, 1973, this mine was operated by the Valley Coal Company which produced 29,604 tons of this coal, worked 115 days and had the two nonfatal accidents. There was no change in employees.  
 (b) New mine opening.  
 (c) This is a contracting company sinking a shaft and slope for the Pittsburgh Consolidation Coal Company.

# District 23

Cardinal Mining Co., The	Somerset	-	-	-	-	-	-	-	300	3	-
Cardinal Tipple	Somerset	-	-	-	-	-	-	-	230	4	-
Coal Junction Coal Co.	Somerset	-	-	-	-	-	-	-	196	8	-
Coal Junction Tipple	Somerset	-	-	-	-	-	-	-	60	3	-
Croner, Inc.	Somerset	-	-	-	-	-	-	-	249	59	4
Pine Hill No. 2 Tipple	Somerset	-	-	-	-	-	-	-	95	8	-
Decker Construction Co.	Somerset	-	-	-	-	-	-	-	182	7	-
Shober Tipple	Somerset	-	-	-	-	-	-	-	260	38	1
Delta Mining, Inc.	Somerset	332,149	-	-	-	-	332,149	-	33	4	-
Delta No. 1	Somerset	-	-	-	-	-	-	-	-	42	2
Delta Mining, Inc.	Somerset	-	-	-	-	-	-	-	-	-	-
Blue Lick No. 3 Tipple	Somerset	-	-	-	-	-	-	-	-	-	-
Denise Coal Co.	Somerset	-	-	-	-	-	-	-	-	-	-
Denise No. 1 Tipple	Somerset	-	-	-	-	-	-	-	-	-	-
Fetterolf Coal Co., Inc., M. F.	Somerset	-	-	-	-	-	-	-	-	-	-
Fetterolf No. 1 Tipple	Somerset	-	-	-	-	-	-	-	-	-	-
Fetterolf No. 3 Tipple	Somerset	-	-	-	-	-	-	-	-	-	-
Total		243,160	-	-	-	-	243,160	-	248	68	7
G. M. & W. Coal Co., Inc.	Somerset										
Grove No. 1											



# District 24

		Production of Coal & Coke - Net Tons									
		Shipped to Market			Coal Used			Total			Non-fatal Accidents
Operators and Mines	County	By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Used in	Produc- tion of Coal	Produc- tion of Coke	Aver- age Days Worked	
											Fatal Accidents
Stella Maris Coal Co.	Cambria	-	-	835	15	-	-	850	-	265	1
District Total		1,624,731	-	280,123	15	-	-	1,904,869	-	247	100

# District 25

Helen Mining Co., The	Indiana	-	-	606,835(a)	-	-	-	606,835	-	229	350	65
Homer City	Indiana	-	-	-	-	-	-	-	-	229	6	-
Helen Preparation Plant		-	-	606,835	-	-	-	606,835	-	-	356	65
Total		-	-	-	-	-	-	-	-	-	-	-
Helvetia Coal Co.	Indiana	-	-	1,241,146(a)	-	-	-	1,241,146	-	237	389	33
Luzerne No. 6		-	-	-	-	-	-	-	-	-	-	-
McCracken, Dan	Indiana	-	-	954	-	-	-	954	-	178	3	-
McCracken		-	-	-	-	-	-	-	-	-	-	-
North American Coal Corp., The	Indiana	-	-	179,333	-	-	-	179,333	-	228	53	6
Aulds Run		-	-	-	-	-	-	-	-	-	-	-
District Total		-	-	2,028,268(b)	-	-	-	2,028,268	-	233	801	104

NOTE: (a) Coal was transported directly to power plant by conveyor belt.

(b) Includes 1,847,981 tons transported by conveyor belt directly to power plant.

# District 26

Bethlehem Mines Corp.	Washington	1,383,819	-	-	230	-	-	1,384,049	-	271	463	4
Marianna No. 58		-	-	-	-	-	-	-	-	271	55	-
Marianna No. 58 Cleaning Pl.	Washington	-	-	-	-	-	-	-	-	-	-	-
Total		1,383,819	-	-	230	-	-	1,384,049	-	-	518	4
Gateway Coal Co.	Greene	-	1,432,401	-	-	-	-	1,432,401	-	261	510	5
Gateway		-	-	-	-	-	-	-	-	-	-	-
Peggs Run Coal Co., Inc.	Beaver	-	63,041	63,041	-	-	-	126,082	-	231	53	-
Peggs Run No. 2		-	-	-	-	-	-	-	-	231	10	-
Peggs Run No. 2 Cleaning Pl.	Beaver	-	63,041	63,041	-	-	-	126,082	-	-	61	-
Total		-	63,041	63,041	-	-	-	126,082	-	-	-	-

District 26

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used			Total	
		By Rail	By Water	By Truck	By	Locally for Domestic Purposes	Used in Manufacture of Coke		Production of Coal	Production of Coke	Total
	Washington	618,900	-	-	-	-	-	-	618,900	-	236
										185	2
District Total		2,002,719	1,495,442	63,041	230	-	-	-	3,561,432	-	260
										1,276	1
											11

District 30

Allegheny Mineral Corp.	Butler	-	-	-	-	1,000	-	-	1,000	-	1	13	-	-
Strip Permit No. 571-2	Butler	-	-	-	-	2,007	-	-	2,007	-	3	22	-	1
Strip Permit No. 571-3		-	-	-	-	3,007	-	-	3,007	-	-	35	-	1
Total														
Ambrosia Coal & Construction Co., The	Mercer	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 103-6		-	-	-	-	-	-	-	-	-	-	-	-	-
B & D Coal Co.	Butler	43,079	-	-	-	3,956	-	-	3,956	-	290	5	-	-
Strip Permit No. 558-4		-	-	-	-	-	-	-	-	-	-	-	-	-
B & G Construction Co., Inc.	Butler	-	-	-	-	-	-	-	43,079	-	247	12	-	-
Strip Permit No. 25-9		-	-	-	-	-	-	-	-	-	-	-	-	-
Black Fox Mining & Development Corp.	Butler	-	-	-	-	123,277	-	-	123,277	-	177	12	-	-
Strip Permit No. 289-8		-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 289-9	Butler	25,000	-	-	-	21,210	-	-	46,210	-	268	17	-	1
Strip Permit No. 289-10	Butler	4,500	-	-	-	4,700	-	-	9,200	-	59	-	-	-
Strip Permit No. 289-13	Butler	-	-	-	-	-	-	-	-	-	16	-	-	-
Strip Permit No. 289-14	Butler	5,000	-	-	-	5,400	-	-	10,400	-	55	-	-	-
Strip Permit No. 289-14	Butler	6,500	-	-	-	6,080	-	-	12,580	-	109	-	-	-
Total		41,000	-	-	-	37,390	-	-	78,390	-	17	-	-	1
DeMarsh, Theodore	Butler	1,715	-	-	-	802	-	-	2,517	-	15	6	-	-
Strip Permit No. 62-12	Butler	3,551	-	-	-	5,552	-	-	9,103	-	202	3	-	-
Strip Permit No. 62-13	Butler	36,526	-	-	-	22,216	-	73	60,815	-	297	6	-	-
Strip Permit No. 62-14		43,792	-	-	-	28,570	-	73	72,435	-	-	15	-	-
Total														
Grove City Construction Co.	Butler	28,227	-	-	-	-	-	-	28,227	-	161	11	-	-
Strip Permit No. 122-9		-	-	-	-	-	-	-	-	-	-	-	-	-
Grove City Limestone Co.	Butler	-	-	-	-	13,398	-	-	13,398	-	154	5	-	-
Strip Permit No. 483-3		-	-	-	-	-	-	-	-	-	-	-	-	-
Kerry Coal Co.	Butler	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 41-20	Butler	-	-	-	-	10,703	-	-	10,703	-	68	30	-	1
Strip Permit No. 41-26	Butler	-	-	-	-	58,725	-	-	58,725	-	221	-	-	-



**District 30**

Production of Coal & Coke - Net Tons											
Operators and Mines	County	Shipped to Market			Coal Used		Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	Fatal Accidents
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke					
Kerry Coal Co. (Continued)											
Strip Permit No. 41-28	Butler	-	-	273	-	-	273	-	27	-	-
Strip Permit No. 41-29	Butler	12,416	-	-	-	-	12,416	-	40	-	-
Strip Permit No. 41-30	Butler	-	-	63,785	-	-	63,785	-	237	-	-
Strip Permit No. 41-32	Butler	7,095	-	-	-	-	7,095	-	25	-	-
Auger - BAW-482A1	Butler	440	-	-	-	-	440	-	2	4	-
Auger - BAW-532	Butler	10,406	-	-	-	-	10,406	-	61	-	-
Auger - BAW-554	Butler	3,412	-	-	-	-	3,412	-	15	-	-
Auger - BAW-555	Butler	24,967	-	-	-	-	24,967	-	146	-	-
Auger - BAW-567	Butler	8,224	-	-	-	-	8,224	-	29	-	-
Total		66,960	-	133,486	-	-	200,446	-	34	-	1
Lucas Coal Co.											
Strip Permit No. 174-5A	Butler	1,520	-	1,500	-	-	3,020	-	164	12	-
Strip Permit No. 174-7	Butler	1,600	-	6,000	-	-	7,600	-	112	-	-
Strip Permit No. 174-11	Butler	3,200	-	65,400	-	-	68,600	-	168	12	-
Auger - BAW-550	Butler	650	-	3,000	-	-	3,650	-	36	3	-
Total		6,970	-	75,900	-	-	82,870	-	27	-	-
Mathieson Coal Co., T. B.											
Strip Permit No. 208-8	Butler	8,965	-	-	-	-	8,965	-	132	6	-
Miller & McKnight Coal Co.											
Strip Permit No. 240-12	Butler	-	-	67,337	6,512	-	73,849	-	250	13	-
Strip Permit No. 240-13	Mercer	-	-	5,512	-	-	5,512	-	15	-	-
Auger - BAW-581	Butler	-	-	7,372	-	-	7,372	-	37	4	-
Total		-	-	80,221	6,512	-	86,733	-	17	-	-
Nastasi, James											
Strip Permit No. 645-1	Butler	-	-	9,665	-	-	9,665	-	264	3	-
Perry-Ross Coal Co.											
Strip Permit No. 72-12	Mercer	-	-	4,121	-	-	4,121	-	20	10	-
Strip Permit No. 72-13	Mercer	-	-	29,853	-	-	29,853	-	198	-	-
Total		-	-	33,974	-	-	33,974	-	10	-	-
Sechan Limestone Industries, Inc.											
Strip Permit No. 588-2	Butler	-	-	-	870	-	870	-	5	4	-
Sunbeam Coal Corp.											
Strip Permit No. 179-15	Butler	39,357	-	-	-	-	39,357	-	238	24	-
Strip Permit No. 179-18	Butler	36,137	-	-	-	-	36,137	-	-	-	2
Strip Permit No. 179-19	Butler	13,882	-	-	-	-	13,882	-	-	-	-
Total		89,376	-	-	-	-	89,376	-	24	-	2
Tiche Limestone & Construction Co.											
Strip Permit No. 207-1	Butler	-	-	-	1,150	-	1,150	-	288	7	-

District 30

Production of Coal & Coke - Net Tons												
		Shipped to Market			Coal Used		Used in		Total			
		By		By	Locally	for		Manu-		Produc-		
		By	Water	Truck	Purposes	of Coke		ture		tion		
		Rail								of Coal		
County												
<b>West Freedom Mining Corp.</b>												
Strip Permit No. 68-13A	Butler	-	-	1,345	-	-	-	-	-	299	7	-
Strip Permit No. 68-18	Butler	484	-	63,514	-	-	-	-	-	180	13	-
Strip Permit No. 68-22	Butler	-	-	36,896	-	-	-	-	-	304	14	-
Strip Permit No. 68-24	Butler	-	-	4,024	-	-	-	-	-	12	7	-
Auger - BAM-541	Butler	-	-	28,206	-	-	-	-	-	49	3	-
Auger - BAM-569	Butler	-	-	5,801	-	-	-	-	-	-	-	-
Auger - BAM-585	Butler	-	-	6,367	-	-	-	-	-	-	-	-
Total		484	-	146,153	-	-	-	-	-	-	44	-
<b>Western Hickory Coal Co., Inc.</b>												
Strip Permit No. 152-10	Butler	-	-	5,128	-	-	-	-	-	192	7	-
Strip Permit No. 152-11	Butler	9,700	-	41,353	-	-	-	-	-	230	9	-
Total		9,700	-	46,481	-	-	-	-	-	-	16	-
<b>Willowbrook Mining Co.</b>												
Strip Permit No. 130-6A	Mercer	-	-	197,862	-	-	-	-	-	305	9	-
Wright, Inc., Grant R.		-	-	48,647	-	-	-	-	-	307	12	-
Strip Permit No. 117-3	Butler	-	-	-	-	-	-	-	-	-	-	-
District Total		338,553	-	978,980	11,612	-	-	-	-	202	325	-

District 31

Ambrosia Coal & Construction Co., The	Strip Permit No. 103-4	-	-	6,855	-	-	6,855	-	51	4	-	-
	Lawrence	-	-	80,537	-	-	80,537	-	302	7	-	1
	Strip Permit No. 103-5	-	-	30,958	-	-	30,958	-	302	7	-	-
	Lawrence	-	-	50,014	5,000	-	55,014	-	302	7	-	1
	Strip Permit No. 103-15	-	-	168,364	5,000	-	173,364	-	-	25	-	2
	Total	-	-	168,364	5,000	-	173,364	-	-	25	-	2
Carlson Mining	Strip Permit No. 487-1(A3)	-	-	141	-	-	141	-	3	6	-	-
	Lawrence	-	-	285	-	-	285	-	6	-	-	-
	Strip Permit No. 487-2	-	-	22,190	-	-	22,190	-	304	-	-	-
	Lawrence	-	-	8,296	-	-	8,296	-	78	3	-	-
	Auger - BAM-396 (487-1(A3))	-	-	2,196	-	-	2,196	-	14	-	-	-
	Lawrence	-	-	33,108	-	-	33,108	-	-	9	-	-
	Auger - BAM-396 (487-2(A2))	-	-	-	-	-	-	-	-	-	-	-
	Total	-	-	33,108	-	-	33,108	-	-	9	-	-



District 32

Operators and Mines	County	Production of Coal & Coke - Net Tons										Fatal Accidents	Non-fatal Accidents
		Shipped to Market			Coal Used			Total Production of Coal	Average Days Worked	No. of Employees			
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	Total Production of Coke						
Bologna Mining Co. (Continued)													
Strip Permit No. 248-19	Washington	-	-	48,790	-	-	-	48,790	-	190	10	-	-
Strip Permit No. 248-20	Washington	-	-	77,651	-	-	-	77,651	-	194	19	-	-
Strip Permit No. 248-21	Washington	-	-	48,813	-	-	-	48,813	-	98	-	-	-
Total		-	-	231,982	-	-	-	231,982	-	52	-	-	-
Chess Coal Co.													
Strip Permit No. 576-3	Greene	-	4,733	-	-	-	-	4,733	-	105	3	-	-
Dippel & Dippel Coal Co.													
Strip Permit No. 486-1 (b)	Greene	-	6,143	-	-	-	-	6,143	-	47	6	-	-
Strip Permit No. 486-3	Greene	-	35,440	-	-	-	-	35,440	-	283	-	-	-
Total		-	41,583	-	-	-	-	41,583	-	6	-	-	-
Eighty Four Industries, Inc.													
Strip Permit No. 809-1	Washington	-	-	971	-	-	-	971	-	26	4	-	-
Etna Equipment & Supply Co.													
Strip Permit No. 634-1	Washington	-	-	110,818	-	-	-	110,818	-	223	11	-	-
Ewing, Charles W.													
Strip Permit No. 309-5	Washington	-	-	2,491	-	-	-	2,491	-	228	1	-	-
Ford & Gaskill													
Strip Permit No. 139-2(C)A2	Greene	-	-	15,362	-	-	-	15,362	-	133	6	-	-
Strip Permit No. 139-3	Greene	-	-	5,855	-	-	-	5,855	-	21	-	-	-
Strip Permit No. 139-5	Greene	-	-	5,730	-	-	-	5,730	-	14	-	-	-
Total		-	-	26,947	-	-	-	26,947	-	6	-	-	-
Genovese Coal Co.													
Strip Permit No. 244-20	Greene	-	-	18,573	-	-	-	18,573	-	204	3	-	-
Oysegem Enterprises, Inc.													
Strip Permit No. 590-4	Washington	-	-	19,403	-	-	-	19,403	-	253	4	-	-
Strip Permit No. 590-5	Washington	-	-	24,422	-	-	-	24,422	-	212	5	-	-
Strip Permit No. 590-7	Washington	-	-	16,167	-	-	-	16,167	-	31	5	-	-
Total		-	-	59,992	-	-	-	59,992	-	14	-	-	-
H & E Coal Co.													
Strip Permit No. 642-1	Greene	49,076	-	-	-	-	-	49,076	-	280	7	-	2
Kelley Enterprises, Inc.													
Strip Permit No. 623-3	Greene	-	27,649	710	-	-	-	28,359	-	275	6	-	-
King Knob Coal Co., Inc.													
Strip Permit No. 629-1(LA)	Greene	-	-	30,155	-	-	-	30,155	-	179	27	-	1
Strip Permit No. 629-1A	Greene	-	-	6,365	-	-	-	6,365	-	-	-	-	1
Strip Permit No. 629-1A2	Greene	-	-	117,677	-	-	-	117,677	-	-	-	-	1
Total		-	-	154,197	-	-	-	154,197	-	27	-	-	3



## District 32

Operators and Mines	County	Production of Coal & Coke - Net Tons										No. of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market			Coal Used		Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days Worked					
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manu- facture of Coke								
Kuhar, Mike	Washington	-	-	1,779	-	-	-	1,779	-	123	2	-	-	
Strip Permit No. 942-1														
Mark IV Coal Co.	Greene	-	-	10,246	-	-	-	10,246	-	113	5	-	-	
Strip Permit No. 1074-1														
Midway Coal Co.	Washington	-	-	73,814	-	-	-	73,814	-	130	25	-	2	
Strip Permit No. 1049-1														
NAT Industries, Inc.	Washington	-	-	4,059	-	-	-	4,059	-	264	6	-	-	
Strip Permit No. 582-1														
Washington	Washington	-	-	32,595	-	-	-	32,595	-	-	-	-	-	
Strip Permit No. 582-2														
Washington	Washington	-	-	37,625	-	-	-	37,625	-	-	-	-	-	
Strip Permit No. 582-3														
Total		-	-	74,279	-	-	-	74,279	-	-	6	-	-	
Pennveir Construction Co.	Washington	-	-	-	-	9,323	-	9,323	-	260	55	-	-	
Strip Permit No. 173-14														
Washington	Washington	-	-	-	-	130,407	-	130,407	-	-	-	-	-	
Strip Permit No. 173-15														
Washington	Washington	-	-	-	-	24,626	-	24,626	-	-	-	-	-	
Strip Permit No. 173-16														
Washington	Washington	-	-	-	-	14,361	-	14,361	-	-	-	-	-	
Strip Permit No. 173-17														
Washington	Washington	-	-	-	-	88,542	-	88,542	-	-	-	-	-	
Strip Permit No. 173-19														
Total		-	-	-	-	267,259	-	267,259	-	-	55	-	-	
Petricca Coal Co.	Washington	-	-	21,227	-	-	-	21,227	-	256	4	-	-	
Strip Permit No. 480-1														
Pontorero & Sons Coal Co.	Greene	-	-	823	-	-	-	823	-	117	3	-	-	
Strip Permit No. 237-8														
Prots Bros. Coal Co.	Washington	-	-	3,000	-	-	-	3,000	-	85	2	-	-	
Strip Permit No. 469-1														
Rostovsky Coal Co., Joseph	Washington	-	-	4,467	-	-	-	4,467	-	149	2	-	-	
Strip Permit No. 334-3(C)														
Rosini's, Inc.	Washington	-	-	3,962	-	-	-	3,962	-	118	3	-	-	
Strip Permit No. 568-3														
Sang Coal Co.	Greene	-	-	28,850	-	-	-	28,850	-	239	4	-	-	
Strip Permit No. 552-2														
Greene	Greene	-	-	1,650	-	-	-	1,650	-	43	3	-	-	
Strip Permit No. 552-3														
Total		-	-	30,500	-	-	-	30,500	-	-	7	-	-	
Stefkovich Brothers	Washington	-	-	-	-	2,044	-	2,044	-	233	4	-	-	
Strip Permit No. 140-2(C)														
Tremont Mining Co.	Washington	-	7,503	-	-	1,560	-	9,063	-	218	3	-	-	
Strip Permit No. 557-1														
Twilight Industries	Washington	-	-	52,436	-	-	-	52,436	-	139	36	-	-	
Strip Permit No. 1-24														
Washington	Washington	-	-	25,549	-	-	-	25,549	-	165	-	-	-	
Strip Permit No. 1-29														

District 32

Operators and Mines		County		Production of Coal & Coke - Net Tons										Fatal Acci- dents	Non-fatal Acci- dents
				Shipped to Market		Coal Used		Coal Used in Manu- facture of Coke		Total Produc- tion of Coal		Total Produc- tion of Coke			
		By Rail	By Water	By Truck	Locally for Domestic Purposes										
Twilight Industries (Continued)															
Strip Permit No. 1-38A	Washington	-	-	35,160	-	-	-	-	35,160	-	-	162	-	-	-
Strip Permit No. 1-40	Washington	-	-	80,214	-	-	-	-	80,214	-	-	195	-	-	-
Strip Permit No. 1-44	Washington	-	-	130,532	-	-	-	-	130,532	-	-	165	-	-	-
Strip Permit No. 1-45	Washington	-	-	54,972	-	-	-	-	54,972	-	-	170	-	-	-
Strip Permit No. 1-47	Washington	-	-	50,850	-	-	-	-	50,850	-	-	104	-	-	-
Strip Permit No. 1-51	Washington	-	-	10,934	-	-	-	-	10,934	-	-	40	-	-	-
Strip Permit No. 1-52	Greene	-	-	34,369	-	-	-	-	34,369	-	-	58	11	-	-
Total		-	-	475,016	-	-	-	-	475,016	-	-	47	-	-	-
West Penn Coal & Construction															
Strip Permit No. 581-5	Greene	-	-	36,125	-	-	-	-	36,125	-	-	237	5	-	-
District Total		49,076	81,468	1,341,919	270,863	-	-	-	1,743,326	-	-	206	313	-	7

NOTE: (a) Backfilling.  
(b) Mine idle since February, 1973.

District 32

<b>Barton Coal Co.</b>													
Strip Permit No. 7,7(A) & 8	Fayette	-	-	13,697	-	-	-	13,697	-	340	4	-	-
<b>Betty Louise Coal Co.</b>													
Strip Permit No. 993-1	Fayette	-	14,920	-	-	-	-	14,920	-	115	11	-	-
Strip Permit No. 993-2 & 3	Fayette	-	32,485	-	-	-	-	32,485	-	181	-	-	-
Total		-	47,405	-	-	-	-	47,405	-	-	11	-	-
<b>Borts Coal Co.</b>													
Strip Permit No. 456-6 & 6A	Fayette	-	-	15,441	-	-	-	15,441	-	120	5	-	-
Strip Permit No. 456-7	Fayette	-	-	14,785	-	-	-	14,785	-	120	-	-	-
Total		-	-	30,226	-	-	-	30,226	-	-	5	-	-
<b>Buncic, John</b>													
Strip Permit No. 636-2	Fayette	-	-	5,595	-	-	-	5,595	-	92	1	-	-
<b>Carbonara, Carl</b>													
Strip Permit No. 550-4	Fayette	-	-	1,600	-	-	-	1,600	-	91	2	-	-
<b>Chess Coal Co.</b>													
Strip Permit No. 576-2	Fayette	-	4,348	-	-	-	-	4,348	-	119	3	-	-
<b>Filiaggi Coal Co.</b>													
Strip Permit No. 178-9	Fayette	-	-	66,671	-	-	-	66,671	-	225	3	-	-

District 33

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Coal		Total		Aver-	
		By Rail	By Water	By Truck	For Domestic Purposes	Locally for Manufacture of Coke	Used in	Production of Coal	Production of Coke	age Days Worked	No. of Employees
<b>Fryske &amp; Nole Coal Co.</b>	<b>Fayette</b>	-	-	24,686	-	-	-	24,686	-	180	4
Strip Permit No. 242-7											
<b>Genovese Coal Co.</b>	<b>Fayette</b>	-	-	39,536	-	-	-	39,536	-	198	3
Strip Permit No. 244-18											
Strip Permit No. 244-21	<b>Fayette</b>	-	-	42,380	-	-	-	42,380	-	234	4
Strip Permit No. 244-23	<b>Fayette</b>	-	-	9,298	-	-	-	9,298	-	198	3
Strip Permit No. 244-24	<b>Fayette</b>	-	-	2,844	-	-	-	2,844	-	65	4
<b>Total</b>		-	-	94,058	-	-	-	94,058	-	14	-
<b>Green, Inc., Walter</b>	<b>Fayette</b>	-	-	27,750	-	-	-	27,750	-	251	4
Strip Permit No. 250-6(C)											
<b>Auger - BAM-243</b>	<b>Fayette</b>	-	-	2,700	-	-	-	2,700	-	40	3
<b>Total</b>		-	-	30,450	-	-	-	30,450	-	7	-
<b>Harbison-Walker Refractories Co.</b>	<b>Fayette</b>	-	-	-	-	-	-	-	-	289	3
Strip Permit No. 266-3											
<b>Hibbs &amp; Myers Coal Co.</b>	<b>Fayette</b>	-	-	14,096	-	-	-	14,096	-	90	1
Strip Permit No. 833-1											
Strip Permit No. 833-1A	<b>Fayette</b>	-	-	2,091	-	-	-	2,091	-	30	-
Strip Permit No. 833-2	<b>Fayette</b>	-	-	7,078	-	-	-	7,078	-	131	1
<b>Total</b>		-	-	23,265	-	-	-	23,265	-	2	-
<b>Hill, William L.</b>	<b>Fayette</b>	-	-	-	2,545	-	-	2,545	-	128	2
Strip Permit No. 457-2											
<b>Hustosky, John</b>	<b>Fayette</b>	-	-	-	739	-	-	739	-	111	1
Strip Permit No. 398-2											
<b>Kaiser Refractories</b>	<b>Fayette</b>	9,648	-	-	-	-	-	9,648	-	177	10
Strip Permit No. 390-1											
<b>Kelley Enterprises, Inc.</b>	<b>Fayette</b>	775	643	-	-	-	-	1,418	-	46	3
Strip Permit No. 623-4											
<b>Krulock, Steve</b>	<b>Fayette</b>	-	-	-	44	-	-	44	-	38	1
Strip Permit No. 345-2											
<b>Luzerne Coal Corp.</b>	<b>Fayette</b>	-	468,412	-	-	-	-	468,412	-	291	52
Strip Permit Nos. 750-2, 4, 7, 8, 9, 10, 12, 15 & 16											1
<b>Menallen Coke Co.</b>	<b>Fayette</b>	3,574	-	-	-	-	-	3,574	-	102	3
Strip Permit No. 281-2											
Strip Permit No. 281-6	<b>Fayette</b>	58,031	-	-	-	-	-	58,031	-	257	4
<b>Total</b>		61,605	-	-	-	-	-	61,605	-	7	1
<b>Michael Coal Co.</b>	<b>Fayette</b>	-	-	2,820	-	-	-	2,820	-	52	4
Strip Permit Nos. 658-1, 2 & 3											





### District 33

Operators and Mines	County	Production of Coal & Coke - Net Tons										Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market			Coal Used			Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days Worked	No. of Em- ployes		
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manu- facture of Coke							
Soberdash Coal & Coke Co.	Fayette	-	-	12,014	-	-	-	12,014	-	299	6)	-	-
Strip Permit No. 111-33	Fayette	-	-	2,100	-	-	-	2,100	-	18	)	-	-
Strip Permit No. 111-44	Fayette	-	-	14,114	-	-	-	14,114	-	-	6	-	-
Total													
Southwestern Pa. Natural Resources, Inc.	Fayette	-	-	4,570	-	-	-	4,570	-	104	4	-	-
Strip Permit No. 996-1	Fayette	-	-	18,586	-	-	-	18,586	-	146	6)	-	-
TeDesco Coal Co.	Fayette	-	-	39,100	-	-	-	39,100	-	258	)	-	-
Strip Permit No. 329-7	Fayette	-	-	57,686	-	-	-	57,686	-	-	6	-	-
Strip Permit No. 329-8	Fayette	-	-	-	-	-	-	-	-	-	-	-	-
Total													
West Penn Coal & Construction Co.	Fayette	-	-	-	-	-	-	-	-	89	3)	-	-
Strip Permit No. 581-1, 1A(a)	Fayette	-	-	-	-	-	-	-	-	3	)	-	-
Strip Permit No. 581-3 (a)	Fayette	-	-	-	-	-	-	-	-	-	3	-	-
Total													
Whyel Coal Co.	Fayette	-	-	-	-	-	-	-	-	130	2	-	-
Strip Permit No. 503-17	Fayette	-	-	21,902	-	-	-	21,902	-	55	4	-	-
Strip Permit No. 503-18	Fayette	-	-	21,902	-	-	-	21,902	-	-	6	-	-
Total													
District Total		72,028	520,808	720,882	4,978	-	-	1,318,696	-	203	250	-	2

NOTE: (a) Backfilling.

### District 34

Allied Asphalt Co., Inc.		-	-	33,483	-	-	33,483	-	-	216	16	-	-
Strip Permit No. 986-1 Refuse	Allegheny	-	-	-	-	-	-	-	-	-	-	-	-
Alcoe Coal Co.		-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit Nos. 35-2, 2A, 4, 4A & 5	Allegheny	-	-	385,298	-	-	385,298	-	-	295	63	-	8
Altmore Bros. Coal Co.	Westmoreland	-	-	19,841	-	-	19,841	-	-	76	3	-	-
Strip Permit No. 29-17	Ankeny, Donald	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 287-5	Westmoreland	-	-	-	3,650	-	3,650	-	-	38	2	-	-
Ansell, Earl	Westmoreland	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 288-1	Westmoreland	-	-	-	1,547	-	1,547	-	-	117	2	-	-

District 34

Operators and Mines	County	Production of Coal & Coke - Net Tons										Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market					Coal Used						
		By Rail	By Water	By Truck	For Domestic Purposes	Locally Used in Manu- facture of Coke	Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days Worked	No. of Em- ployes			
Apex Co., Inc.	Allegheny	-	-	21,381	-	-	-	-	-	150	9	-	-
Strip Permit No. 497-3(A)	Allegheny	-	-	5,657	-	-	-	-	-	45	6	-	-
Strip Permit No. 497-4	Allegheny	-	-	27,038	-	-	-	-	-	-	15	-	-
Total													
Bituminous Processing Co.													
Strip Permit No. 994-1 Refuse	Westmoreland	-	-	2,072	-	-	-	-	-	10	14	-	-
Bridge Coal Co., Inc.													
Strip Permit No. 481-2 & 3	Westmoreland	-	-	5,769	-	-	-	-	-	104	4	-	-
Brown Coal Co., Inc., C. W.													
Strip Permit No. 273-3A	Westmoreland	-	-	18,307	-	-	-	-	-	216	9	-	1
Strip Permit No. 273-4	Westmoreland	-	-	6,171	-	-	-	-	-	77	-	-	-
Total				24,478	-	-	-	-	-	-	9	-	-
Diamond Fuel Co.													
Strip Permit No. 555-1	Allegheny	-	-	1,682	-	-	-	-	-	18	2	-	-
Dunkard Creek Coal, Inc.													
Strip Permit No. 939-1	Westmoreland	-	-	93,053	-	-	-	-	-	273	13	-	-
Eidemiller, Inc., Adam													
Strip Permit No. 578-1 (a)	Westmoreland	-	-	-	-	-	-	-	-	13	60	-	-
Strip Permit No. 578-2 (a)	Westmoreland	-	-	-	-	-	-	-	-	20	-	-	-
Strip Permit No. 578-7 (a)	Westmoreland	-	-	2,608	-	-	-	-	-	72	-	-	-
Strip Permit No. 578-10 (a)	Westmoreland	-	-	14,537	-	-	-	-	-	71	-	-	-
Strip Permit No. 578-12 & 12C	Westmoreland	-	-	8,270	-	-	-	-	-	148	-	-	-
Strip Permit No. 578-15	Westmoreland	-	-	113,808	-	-	-	-	-	172	-	-	3
Strip Permit No. 578-16 (a)	Westmoreland	-	-	-	-	-	-	-	-	30	-	-	-
Strip Permit No. 578-19 (a)	Westmoreland	-	-	750	-	-	-	-	-	21	-	-	-
Total				139,973	-	-	-	-	-	-	60	-	-
Fiore, Fred													
Strip Permit No. 349-4	Allegheny	-	-	7,674	-	-	-	-	-	240	3	-	-
Fox, H. E.													
Strip Permit No. 198-1C(A2)	Westmoreland	-	-	-	6,473	-	-	-	-	233	2	-	-
Gorr, Richard													
Strip Permit No. 959-1 (b)	Westmoreland	-	-	8,706	-	-	-	-	-	90	4	-	-
Green, Inc., Walter													
Strip Permit No. 250-7 (a)	Westmoreland	-	-	5,400	-	-	-	-	-	88	3	-	-
Ornum Coal Co.													
Strip Permit No. 635-2 (b)	Westmoreland	-	-	989	-	-	-	-	-	113	3	-	-
Strip Permit No. 635-3	Westmoreland	-	-	18,640	-	-	-	-	-	192	4	-	-
Total				19,629	-	-	-	-	-	-	7	-	-
Hall & Hall, Inc., J. M. & J. M., Jr.													
Strip Permit No. 141-3	Westmoreland	6,050	-	2,818	-	-	-	-	-	186	4	-	-

District 34

Operators and Mines	County	Production of Coal & Coke - Net Tons						Total : Aver- Produc- : age tion : Days	No. of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market	By Rail	By Water	By Truck	Purposes of Coal	Used in Manu- facture of Coke				
Hawk Bros. Contracting Co. Strip Permit No. 121-9	Westmoreland	-	-	-	48,679	-	-	48,679	-	123	8
Homer City Coal Co. Strip Permit No. 38-7 (b)	Westmoreland	-	-	-	4,030	-	-	4,030	-	69	3
Auger - BAM-543	Westmoreland	-	-	-	3,305	-	-	3,305	-	60	2
Total		-	-	-	7,335	-	-	7,335	-	-	5
Kendi & Sons, Paul W. Strip Permit No. 570-1 & 2	Westmoreland	-	-	-	-	2,020	-	-	2,020	58	3
Kutsenkow, George Strip Permit No. 412-5	Westmoreland	-	-	-	41,486	-	-	41,486	-	251	6
Latimer Brothers Strip Permit No. 955-1	Westmoreland	-	-	-	13,475	-	-	13,475	-	144	6
Strip Permit No. 955-2	Westmoreland	-	-	-	4,327	-	-	4,327	-	84	-
Total		-	-	-	17,802	-	-	17,802	-	-	6
Mehrer, Emil W. Strip Permit No. 431-1	Westmoreland	-	-	-	3,000	3,193	-	6,193	-	216	4
Old Home Manor, Inc. Strip Permit No. 615-5	Westmoreland	-	-	-	103,890	-	-	103,890	-	85	22
Overly, L. W. Strip Permit No. 260-12	Westmoreland	-	-	-	10,000	-	-	10,000	-	200	3
Piccolomini, William Strip Permit No. 159-11	Westmoreland	-	-	-	9,918	-	-	9,918	-	236	11
Polar Coal Co. Strip Permit No. 597-3	Westmoreland	27,357	-	-	16,194	-	-	43,551	-	145	20
Rosini's, Inc. Strip Permit No. 568-2 (a)	Allegheny	-	-	-	48,900	-	-	48,900	-	118	3
Strip Permit No. 568-4	Allegheny	-	-	-	13,450	-	-	13,450	-	120	3
Strip Permit No. 568-4A	Allegheny	-	-	-	-	-	-	-	-	21	3
Strip Permit No. 568-5	Allegheny	-	-	-	108,760	-	-	108,760	-	126	4
Total		-	-	-	171,110	-	-	171,110	-	-	13
S & S Coal Co., Inc. Strip Permit No. 577-2	Westmoreland	-	-	-	-	7,125	-	7,125	-	82	2
Weaver, Joseph Strip Permit No. 958-1 (a)	Westmoreland	-	-	-	6,963	-	-	6,963	-	60	2
District Total		33,407	-	-	1,213,291	24,008	-	1,270,706	-	178	331

NOTE: (a) Completed during 1973.  
(b) Backfilling.





**District 35**

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Total Production of Coal				
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Coal Used in Manufacture of Coke	Total Production of Coal	Production of Coke	Average Days Worked	No. of Employees	Fatal Accidents
<b>Carpentertown Coal &amp; Coke Co.</b>											
Strip Permit No. 184-6	Armstrong	-	-	-	-	-	-	-	81	3	-
Auger - BAM-447	Armstrong	-	-	-	-	4,429	4,429	-	30	4	-
<b>Total</b>		-	-	-	-	4,429	4,429	-	-	7	-
<b>Compass Coal Co., Inc.</b>											
Strip Permit No. 33-6	Armstrong	26,315	-	-	-	-	26,315	-	198	8	-
Strip Permit No. 33-9	Armstrong	7,728	-	-	-	-	7,728	-	47	-	-
<b>Total</b>		34,043	-	-	-	-	34,043	-	-	8	-
<b>Dean Contractor, Ernest C.</b>											
Strip Permit No. 379-29	Armstrong	19,318	-	-	-	-	19,318	-	75	2	-
Flore Development Co.											
Strip Permit No. 305-8	Armstrong	-	-	14,221	-	-	14,221	-	194	2	-
Gallardo, Joseph											
Strip Permit No. 797-1	Armstrong	-	-	-	12,800	-	12,800	-	160	3	-
Oysegem Enterprises, Inc.											
Strip Permit No. 590-6	Armstrong	-	-	10,335	-	-	10,335	-	80	10	-
Auger - BAM-573	Armstrong	-	-	8,898	-	-	8,898	-	74	3	-
<b>Total</b>		-	-	19,233	-	-	19,233	-	-	13	-
<b>H &amp; R Coal Co.</b>											
Strip Permit No. 995-1	Armstrong	72,023	-	-	-	-	72,023	-	213	11	-
Strip Permit No. 995-2	Armstrong	7,382	-	-	-	-	7,382	-	15	-	-
<b>Total</b>		79,405	-	-	-	-	79,405	-	-	11	-
<b>Harman Co., Inc., Paul C.</b>											
Strip Permit No. 322-9 (a)	Armstrong	-	-	-	-	-	-	-	27	17	-
Strip Permit No. 322-11 (a)	Armstrong	-	-	-	-	-	-	-	247	-	-
Strip Permit No. 322-13 (a)	Armstrong	-	-	-	-	-	-	-	28	-	-
Strip Permit No. 322-15	Armstrong	48,703	-	-	-	-	48,703	-	269	-	1
<b>Total</b>		48,703	-	-	-	-	48,703	-	-	17	-
<b>Harmon Coal Co.</b>											
Strip Permit No. 514-6	Armstrong	52,364	-	-	-	-	52,364	-	249	7	-
Strip Permit No. 514-9	Armstrong	4,549	-	-	-	-	4,549	-	70	3	-
Strip Permit No. 514-10	Armstrong	32,829	-	-	-	-	32,829	-	210	6	-
Strip Permit No. 514-13	Armstrong	9,461	-	-	-	-	9,461	-	78	(c)	-
Auger - BAM-469	Armstrong	5,815	-	-	-	-	5,815	-	38	3	-
Auger - BAM-494	Armstrong	8,840	-	-	-	-	8,840	-	37	-	-
Auger - BAM-574	Armstrong	3,798	-	-	-	-	3,798	-	11	-	-
<b>Total</b>		117,656	-	-	-	-	117,656	-	-	19	-
<b>Houser, Earl O.</b>											
Strip Permit No. 163-1	Armstrong	-	-	1,740	-	-	1,740	-	25	2	-
Strip Permit No. 163-2	Armstrong	-	-	7,726	-	-	7,726	-	57	-	-



District 35

Operators and Mines		County	Production of Coal & Coke - Net Tons										Non-fatal Accidents	
			Shipped to Market		Coal Used		Coal		Total Production of Coal		Total Production of Coke			No. of Employees
By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked							
P & L Coal Co., Inc.														
Strip Permit No. 115-3	Armstrong	23,728	-	-	-	-	-	23,728	-	75	8)	-	1	
Strip Permit No. 115-4 (b)	Armstrong	-	-	-	-	-	-	-	-	20	-	-	-	
Strip Permit No. 115-5	Armstrong	17,541	-	-	-	-	-	17,541	-	45	-	-	-	
Total		41,269	-	-	-	-	-	41,269	-	-	8	-	-	
R & R Coal Co.														
Strip Permit No. 579-2	Armstrong	-	-	26,406	-	-	-	26,406	-	80	3	-	-	
Auger - BAM-572	Armstrong	-	-	1,812	-	-	-	1,812	-	21	3	-	-	
Total		-	-	28,218	-	-	-	28,218	-	-	6	-	-	
Reddinger, Terry														
Strip Permit No. 314-10	Armstrong	-	-	14,450	-	-	-	14,450	-	90	11)	-	-	
Strip Permit No. 314-12	Armstrong	-	-	43,843	-	-	-	43,843	-	157	-	-	-	
Strip Permit No. 314-15	Armstrong	29,343	-	-	-	-	-	29,343	-	149	-	-	-	
Strip Permit No. 314-17	Armstrong	-	-	4,867	-	-	-	4,867	-	24	-	-	-	
Strip Permit No. 314-19	Armstrong	2,400	-	-	-	-	-	2,400	-	25	-	-	-	
Total		31,743	-	63,160	-	-	-	94,903	-	-	11	-	-	
Rob Coal Co.														
Strip Permit No. 542-3	Armstrong	-	-	28,558	-	-	-	28,558	-	241	9)	-	-	
Strip Permit No. 542-4	Armstrong	-	-	9,827	-	-	-	9,827	-	60	-	-	-	
Total		-	-	38,385	-	-	-	38,385	-	-	9	-	-	
Robin Coal Co.														
Strip Permit No. 556-2	Armstrong	-	-	81,825	-	-	-	81,825	-	271	10	-	-	
Auger - BAM-546	Armstrong	-	-	12,355	-	-	-	12,355	-	95	3	-	-	
Total		-	-	94,180	-	-	-	94,180	-	-	13	-	-	
Rochester & Pittsburgh Coal Co.														
Strip Permit No. 482-5	Armstrong	33,694	-	258,603	-	-	-	292,297	-	265	23	-	-	
Strip Permit No. 482-7(C)	(a) Armstrong	-	-	7,628	-	-	-	7,628	-	82	8)	-	-	
Strip Permit No. 482-8	Armstrong	-	-	223,496	-	-	-	223,496	-	233	-	-	-	
Auger - BAM-480	Armstrong	-	-	4,261	-	-	-	4,261	-	28	3	-	-	
Total		33,694	-	493,988	-	-	-	527,682	-	-	34	-	-	
S & S Coal Co., Inc.														
Strip Permit No. 577-1	Armstrong	-	-	-	26,425	-	-	26,425	-	251	5	-	1	
Smith, J. Merle	Armstrong	-	-	-	8,325	-	-	8,325	-	58	4	-	-	
State Industries, Inc.	Armstrong	28,427	-	-	-	-	-	28,427	-	33	8)	-	-	
Strip Permit No. 435-10	Armstrong	5,652	-	47,039	-	-	-	52,691	-	49	-	-	-	
Strip Permit No. 435-11	Armstrong	34,079	-	47,039	-	-	-	81,118	-	-	8	-	-	
Total		-	-	-	-	-	-	-	-	-	-	-	-	



## District 35

Operators and Mines	County	Production of Coal & Coke - Net Tons										Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market					Coal Used						
		By Rail	By Water	By Truck	Domestic Purposes for	Used in Manu- facture of Coke	Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days Worked	No. of Em- ployes			
<b>Toy, Edwin W.</b>	Armstrong	31,517	-	-	-	-	-	31,517	-	175	16	-	-
Strip Permit No. 81-16	Armstrong	-	-	-	-	-	-	-	-	12	-	-	-
Strip Permit No. 81-16A	Armstrong	8,650	-	-	-	-	-	8,650	-	51	-	-	-
Strip Permit No. 81-19	Armstrong	3,553	-	-	-	-	-	3,553	-	47	-	-	-
Strip Permit No. 81-20	Armstrong	43,720	-	-	-	-	-	43,720	-	-	16	-	-
<b>Total</b>													
<b>West Freedom Mining Corp.</b>	Armstrong	-	-	9,885	-	-	-	9,885	-	295	3	-	-
Strip Permit No. 68-21	Armstrong	-	-	67,849	-	-	-	67,849	-	264	16	-	-
Strip Permit No. 68-23	Armstrong	-	-	2,458	-	-	-	2,458	-	26	3	-	-
Auger - BAM-474	Armstrong	-	-	225	-	-	-	225	-	1	-	-	-
Auger - BAM-589	Armstrong	-	-	80,417	-	-	-	80,417	-	-	22	-	-
<b>Total</b>													
<b>Wolcott, Dale M.</b>	Armstrong	-	-	8,257	-	-	-	8,257	-	216	1	-	-
Strip Permit No. 397-2	Armstrong	-	-	-	-	-	-	-	-	-	-	-	-
<b>District Total</b>		976,356	-	1,656,732	47,720	4,429	-	2,685,237	-	221	401	-	6

NOTE: (a) Completed.

(b) Backfilling.

(c) Employees transferred from other strip operations, same company.

## District 36

<b>AH-RS Coal Corp.</b>	Clarion	55,973	-	-	-	-	-	55,973	-	267	7	-	-
Strip Permit No. 847-1	Clarion	21,635	-	-	-	-	-	21,635	-	84	8	-	-
Strip Permit No. 847-2	Clarion	77,608	-	-	-	-	-	77,608	-	-	15	-	-
<b>Total</b>													
<b>Allegheny Mineral Corp.</b>	Clarion	-	-	-	7,526	-	-	7,526	-	10	16	-	1
Strip Permit No. 571-1	Clarion	-	-	-	-	-	-	-	-	-	-	-	-
Allison Engineering Co.	Clarion	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 39-20	Clarion	-	-	-	-	-	-	-	-	288	12	-	3
Strip Permit No. 39-23	Clarion	-	-	-	-	-	-	-	-	288	5	-	-
Strip Permit No. 39-28A	Clarion	-	-	-	-	-	-	-	-	288	8	-	-
Strip Permit No. 39-33	Clarion	-	-	-	-	-	-	-	-	144	4	-	-
Strip Permit No. 39-34	Clarion	225,370	-	124,390	-	-	-	53,915	-	288	14	-	-
Strip Permit No. 39-36	Clarion	-	-	-	-	-	-	18,670	-	144	4	-	-
Strip Permit No. 39-38	Clarion	-	-	-	-	-	-	48,025	-	288	8	-	-
Strip Permit No. 39-42	Clarion	-	-	-	-	-	-	19,930	-	72	9	-	-



## District 36

Operators and Mines	County	Production of Coal & Coke - Net Tons					Total Production of Coal	Aver- age Days Worked	No. of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market	Locally Used in Manu- facture of Coke	By Truck	By Water	By Rail					
Allison Engineering Co. (Continued)	Clarion						16,905	168	3	-	-
Auger - BAM-420		225,370	-	124,390	-	-	349,760	-	67	-	-
C & K Coal Co.	Clarion	93,554	-	-	-	-	93,554	298	13	-	1
Strip Permit No. 4-55	Clarion	24,155	-	-	-	-	24,155	58	16	-	-
Strip Permit No. 4-57	Clarion	49,559	-	-	-	-	49,559	91	23	-	-
Strip Permit No. 4-64	Clarion	113,388	-	-	-	-	113,388	77	21	-	-
Strip Permit No. 4-68	Clarion	117,370	-	-	-	-	117,370	329	11	-	-
Strip Permit No. 4-69	Clarion	12,439	-	-	-	-	12,439	30	19	-	-
Strip Permit No. 4-71	Clarion	141,382	-	-	-	-	141,382	208	23	-	-
Strip Permit No. 4-72	Clarion	76,991	-	-	-	-	76,991	88	17	-	-
Strip Permit No. 4-74	Clarion	15,294	-	-	-	-	15,294	30	19	-	-
Strip Permit No. 4-75	Clarion	163,065	-	-	-	-	163,065	359	25	-	-
Strip Permit No. 4-76	Clarion	201,606	-	-	-	-	201,606	329	15	-	-
Strip Permit No. 4-78	Clarion	15,528	-	-	-	-	15,528	60	8	-	-
Strip Permit No. 4-79	Clarion	7,998	-	-	-	-	7,998	30	6	-	-
Strip Permit No. 4-80	Clarion	250,683	-	-	-	-	250,683	359	7	-	-
Strip Permit No. 4-81	Clarion	80,991	-	-	-	-	80,991	238	11	-	-
Strip Permit No. 4-82	Clarion	200,571	-	-	-	-	200,571	359	8	-	-
Strip Permit No. 4-83	Clarion	143,502	-	-	-	-	143,502	301	16	-	1
Strip Permit No. 4-84	Clarion	375,713	-	-	-	-	375,713	301	17	-	-
Strip Permit No. 4-85	Clarion	139,603	-	-	-	-	139,603	281	21	-	1
Strip Permit No. 4-87	Clarion	37,026	-	-	-	-	37,026	37	11	-	-
Strip Permit No. 4-88	Clarion	74,707	-	-	-	-	74,707	91	13	-	-
Strip Permit No. 4-89	Clarion	10,547	-	-	-	-	10,547	30	11	-	-
Strip Permit No. 4-90	Clarion	26,499	-	-	-	-	26,499	60	8	-	-
Strip Permit No. 4-91	Clarion	2,372,171	-	-	-	-	2,372,171	-	339	-	-
Carroll, Patrick	Clarion	-	-	60,114	-	-	60,114	290	3	-	-
Strip Permit No. 595-2	Clarion	-	-	12,890	-	-	12,890	244	8	-	-
Cotterman Coal Co., W. A.	Clarion	-	-	9,008	-	-	9,008	-	-	-	-
Strip Permit No. 603-5	Clarion	-	-	4,168	-	-	4,168	-	-	-	-
Strip Permit No. 603-7	Clarion	-	-	26,066	-	-	26,066	-	8	-	-
Strip Permit No. 603-8	Clarion	-	-	-	-	-	-	-	-	-	-
Dean Contractor, Ernest C.	Clarion	7,831	-	-	-	-	7,831	50	13	-	-
Strip Permit No. 379-20	Clarion	1,793	-	-	-	-	1,793	5	-	-	-
Strip Permit No. 379-22	Clarion	6,989	-	-	-	-	6,989	60	-	-	-
Strip Permit No. 379-23	Clarion	-	-	-	-	-	-	-	-	-	-

District 36

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Average Days Worked	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coal	Manu- facture of Coke	of Coal	of Coke	No. of Em- ployes	Fatal Acci- dents
Dean Contractor, Ernest C. (Continued)											
Strip Permit No. 379-24	Clarion	24,071	-	23,196	-	-	-	47,267	-	283	12
Strip Permit No. 379-25	Clarion	28,916	-	50,091	-	-	-	79,007	-	227	15
Strip Permit No. 379-26	Clarion	22,222	-	16,143	-	-	-	38,365	-	216	10
Total		91,822	-	89,430	-	-	-	181,252	-	-	50
Fairhill Coal Co.											
Strip Permit No. 602-3	Clarion	-	-	23,428	-	-	-	23,428	-	78	4
Gearhart, Alvin											
Strip Permit No. 632-4	Clarion	-	-	20,120*	-	-	-	20,120	-	93	6
H & G Coal & Clay Co., Inc.											
Strip Permit No. 75-23	Clarion	2,130	-	-	-	-	-	2,130	-	109	3
Strip Permit No. 75-24	Clarion	-	-	-	-	-	-	-	-	-	2
Strip Permit No. 75-27	Clarion	6,600	-	-	-	-	-	6,600	-	-	3
Total		8,730	-	-	-	-	-	8,730	-	-	8
Lucinda Coal Co.											
Strip Permit No. 1015-1	Clarion	-	-	24,303	-	-	-	24,303	-	239	4
Martin Coal Co., James											
Strip Permit No. 419-5	Clarion	-	-	3,730	-	-	-	3,730	-	152	2
Mauersberg Coal Co.											
Strip Permit No. 344-11	Clarion	31,086	-	-	-	-	-	31,086	-	276	12
Strip Permit No. 344-18	Clarion	26,024	-	-	-	-	-	26,024	-	228	-
Strip Permit No. 344-20	Clarion	520	-	-	-	-	-	520	-	2	-
Strip Permit No. 344-21	Clarion	20,088	-	-	-	-	-	20,088	-	149	-
Strip Permit No. 344-22	Clarion	9,880	-	-	-	-	-	9,880	-	48	-
Total		87,598	-	-	-	-	-	87,598	-	12	-
Mays Coal Co.											
Strip Permit No. 210-4(A)	Clarion	-	-	3,163	-	-	-	3,163	-	305	9
Strip Permit No. 210-4(A2)	Clarion	-	-	118,301	-	-	-	118,301	-	-	-
Strip Permit No. 210-5	Clarion	-	-	14,425	-	-	-	14,425	-	59	5
Total		-	-	135,889	-	-	-	135,889	-	-	14
Miles, Clyde											
Strip Permit No. 509-5	Clarion	-	-	80,000	-	-	-	80,000	-	300	12
Strip Permit No. 509-7	Clarion	-	-	20,000	-	-	-	20,000	-	300	-
Strip Permit No. 509-8	Clarion	-	-	32,000	-	-	-	32,000	-	300	-
Strip Permit No. 509-9	Clarion	-	-	35,000	-	-	-	35,000	-	300	-
Total		-	-	167,000	-	-	-	167,000	-	12	-
Mnick Coal Co.											
Strip Permit No. 415-5(A)	Clarion	-	-	49,508	-	-	-	49,508	-	305	4

## District 36

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Total	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Production of Coal	Production of Coke	Average Days Worked	No. of Em- ployes	Fatal Acci- dents
Phillips, Merle H.	Clarion	-	-	8,743	-	-	8,743	-	102	2	-
Strip Permit No. 613-4											
R.E.M. Coal Co., Inc.	Clarion	20,142	-	50,132	500	-	70,774	-	229	8	1
Strip Permit No. 932-2											
Reddinger, Terry	Clarion	13,400	-	-	-	-	13,400	-	73	8)	-
Strip Permit No. 314-8											
Strip Permit No. 314-13	Clarion	9,400	-	-	-	-	9,400	-	48	)	-
Strip Permit No. 314-14	Clarion	14,409	-	-	-	-	14,409	-	154	)	-
Strip Permit No. 314-16	Clarion	11,806	-	-	-	-	11,806	-	111	)	-
Strip Permit No. 314-18	Clarion	35,500	-	-	-	-	35,500	-	125	)	-
Total		84,515	-	-	-	-	84,515	-	-	8	-
Reichard Paving & Excavating, Gene	Clarion	7,677	-	-	-	-	7,677	-	92	6	1
Strip Permit No. 606-2											
Stahlman Coal Co., Inc., W. P.	Clarion	8,178	-	20,023	239	-	28,440	-	130	8	-
Strip Permit No. 9-28											
Strip Permit No. 9-35	Clarion	2,216	-	5,427	-	-	7,643	-	99	7	-
Strip Permit No. 9-39	Clarion	6,808	-	16,668	-	-	23,476	-	197	9	1
Strip Permit No. 9-41	Clarion	9,008	-	22,054	-	-	31,062	-	184	7	-
Total		26,210	-	64,172	239	-	90,621	-	-	31	-
Vantage Coal Corp.	Clarion	713,064	-	-	-	-	713,064	-	362	24	-
Strip Permit No. 794-1											
Strip Permit No. 794-3	Clarion	17,796	-	-	-	-	17,796	-	26	6)	-
Strip Permit No. 794-4	Clarion	82,041	-	-	-	-	82,041	-	101	-	1
Total		812,901	-	-	-	-	812,901	-	-	30	-
W. & M. Coal Co.	Clarion	-	-	2,500	-	-	2,500	-	125	2	-
Strip Permit No. 787-1C											
Wilson, John N.	Clarion	-	-	2,500	-	-	2,500	-	135	2	-
Strip Permit No. 502-3											
Strip Permit No. 502-4	Clarion	-	-	6,000	-	-	6,000	-	80	2	-
Total		-	-	8,500	-	-	8,500	-	-	4	-
Zacherl Coal Co., Inc.	Clarion	22,758)	-	212,915)	-	-	235,673)	-	194	6	-
Strip Permit No. 73-16											
Strip Permit No. 73-17	Clarion	22,758)	-	212,915)	-	-	235,673)	-	143	6	1
Strip Permit No. 73-18	Clarion	22,758	-	212,915	-	-	235,673	-	125	5	-
Total		45,516	-	425,830	-	-	471,346	-	317	17	-
District Total		3,837,502	-	1,070,940	8,265	-	4,916,707	-	196	672	12

District 37

Operators and Mines		Production of Coal & Coke - Net Tons										Fatal Accidents	Non-fatal Accidents	
		Shipped to Market		Coal Used		Used in Manufacture of Coke		Total Production of Coal		Total Production of Coke				Aver- age Days Worked
	County	By Rail	By Water	By Truck	Locally for Domestic Purposes									
Allied Fuel & Materials, Inc. Strip Permit Nos. 471-6 & 7 B & D Coal Co. Strip Permit No. 558-3 Goets Coal Co., William O. Strip Permit No. 193-5A Strip Permit No. 193-6A Strip Permit No. 193-7A Total	Venango	-	-	128,432	-	-	-	128,432	-	310	9	-	-	
	Venango	-	-	1,658	-	-	-	1,658	-	41	12	-	-	
	Venango	-	-	5,662	-	-	-	5,662	-	43	10	-	-	
	Venango	-	-	27,285	-	-	-	27,285	-	118	5	-	-	
	Venango	-	-	50,116	-	-	-	50,116	-	236	1	-	-	
	Total	-	-	83,063	-	-	-	83,063	-	-	10	-	-	
	Jack Bros. Construction Co. Strip Permit No. 450-7(A5) Strip Permit No. 450-10 Total	Venango	-	-	4,599	-	-	-	4,599	-	118	6	-	-
	Venango	-	-	11,263	-	-	-	11,263	-	74	1	-	-	
	Total	-	-	15,862	-	-	-	15,862	-	-	6	-	-	
	Mineral Hill Corp. Strip Permit No. 515-2 Pengrove Coal Co. Strip Permit No. 74-8 & 8 Siegel Coal Co., Harold A. Strip Permit No. 8-11 Strip Permit No. 8-17 Strip Permit No. 8-18 Total	Venango	-	-	39,270	-	-	-	39,270	-	353	6	-	1
Venango	12,107	-	-	93,119	-	-	-	105,226	-	287	13	-	1	
Clarion	-	-	5,212	-	-	-	-	5,212	-	106	6	-	-	
Clarion	-	-	54,667	-	-	-	-	54,667	-	274	5	-	-	
Clarion	-	-	81,543	-	-	-	-	81,543	-	256	6	-	-	
Total	-	-	141,422	-	-	-	-	141,422	-	-	17	-	1	
Weaver & Sons, A. P. Strip Permit No. 144-12 Strip Permit No. 144-19 Total	Clarion	-	-	30,926	-	-	-	30,926	-	307	5	-	-	
Clarion	-	-	79,721	-	-	-	-	79,721	-	307	6	-	-	
Total	-	-	110,647	-	-	-	-	110,647	-	-	11	-	-	
Winger Coal Co., Inc. Strip Permit Nos. 401-6 & 7 Strip Permit No. 401-7A Strip Permit No. 401-8 Total	Venango	4,064	-	43,956	4	-	-	48,024	-	199	9	-	-	
Venango	-	-	6,332	-	-	-	-	6,332	-	26	1	-	-	
Venango	-	-	13,061	-	-	-	-	13,061	-	72	1	-	-	
Total	-	-	63,349	4	-	-	-	67,417	-	-	9	-	-	
District Total		16,171	-	676,822	4	-	-	692,997	-	230	93	-	3	



District 38

		Production of Coal & Coke - Net Tons									
		Shipped to Market			Coal Used			Total Production of Coal			Non-fatal Accidents
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees	
Operators and Mines	County										
Adams, Marvin J.	Jefferson	991	-	-	-	-	991	-	26	1	-
Strip Permit No. 1038-1											
Baughman Coal Co., Inc., R. D.	Jefferson	18,613	-	-	-	-	18,613	-	119	7	-
Strip Permit No. 151-51											
Strip Permit No. 151-53	Jefferson	13,748	-	-	-	-	13,748	-	16	(a)	-
Strip Permit No. 151-56	Jefferson	124,453	-	-	-	-	124,453	-	296	15	-
Strip Permit No. 151-57	Jefferson	58,905	-	-	-	-	58,905	-	289	12	-
Strip Permit No. 151-61	Jefferson	15,579	-	-	-	-	15,579	-	141	(a)	-
Strip Permit No. 151-61	Jefferson	3,392	-	-	-	-	3,392	-	56	4	-
Auger - BAM-515	Jefferson	234,690	-	-	-	-	234,690	-	38	38	-
Total											
Boyer Coal Co.	Jefferson	6,385	-	-	-	-	6,385	-	289	3	-
Strip Permit No. 269-6											
Brubaker Bros. Coal Co.	Jefferson	-	-	3,258	2,002	-	5,260	-	281	3	-
Strip Permit No. 534(A)											
Calhoun, Dwight M.	Jefferson	-	-	4,194	-	-	4,194	-	175	2	-
Strip Permit No. 262-1(C)											
Doverspike Brothers, Inc.	Jefferson	874	-	-	-	-	874	-	5	(a)	-
Strip Permit No. 567-6											
Strip Permit No. 567-8	Jefferson	94,742	-	-	-	-	94,742	-	297	9	-
Strip Permit No. 567-9	Jefferson	70,701	-	-	-	-	70,701	-	220	9	-
Strip Permit No. 567-9	Jefferson	166,317	-	-	-	-	166,317	-	18	18	-
Total											
East Branch Equipment Co.	Jefferson	47,500	-	-	-	-	47,500	-	240	11	-
Strip Permit No. 112-10											
Emery, Robert L.	Jefferson	-	-	12,460	-	-	12,460	-	109	5	-
Strip Permit No. 478-8											
Fetterman Coal Co.	Jefferson	-	-	9,872	-	-	9,872	-	48	2	-
Strip Permit No. 648-2(A)											
Gearhart, Alvin	Jefferson	-	-	68,890	-	-	68,890	-	252	7	-
Strip Permit No. 632-5											
Glenn Coal Co.	Jefferson	-	-	10,761	-	-	10,761	-	235	5	-
Strip Permit No. 343-13											
Strip Permit No. 343-16	Jefferson	-	-	24,715	-	-	24,715	-	242	5	-
Strip Permit No. 343-17	Jefferson	-	-	33,508	-	-	33,508	-	182	4	-
Strip Permit No. 343-18	Jefferson	-	-	13,163	-	-	13,163	-	106	5	-
Strip Permit No. 343-18	Jefferson	-	-	82,447	-	-	82,447	-	19	19	-
Total											
H & G Coal & Clay Co., Inc.	Jefferson	20,957	-	-	-	-	20,957	-	222	8	-
Strip Permit No. 75-17											
Auger - BAM-545	Jefferson	4,170	-	-	-	-	4,170	-	30	3	-
Strip Permit No. 75-17											
Total		25,127	-	-	-	-	25,127	-	11	11	-

District 38

Operators and Mines	County	Production of Coal & Coke - Net Tons						Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days Worked	No. of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Coal Used		Used in							
		By Rail	By Water	By Truck	for Domestic Purposes	Locally for	Manu- facture of Coke						
Hamilton Mining Co.													
Strip Permit No. 143-42(C)	Jefferson	14,619	-	-	-	-	-	14,619	-	245	6	-	-
Auger - BAM-528	Jefferson	9,085	-	-	-	-	-	9,085	-	93	2	-	-
Total		23,704	-	-	-	-	-	23,704	-		8	-	-
Harmon Coal Co.													
Strip Permit No. 514-12	Jefferson	20,952	-	-	-	-	-	20,952	-	147	3	-	-
Kann, John	Jefferson	14,413	-	-	-	-	-	14,413	-	155	7	-	-
Markle-Bullers Coal Co.													
Strip Permit No. 621-2	Jefferson	-	-	-	-	-	-	-	-	145	13	-	-
Strip Permit No. 504-8	Jefferson	-	-	-	-	-	-	-	-	24	-	-	-
Strip Permit No. 504-13	Jefferson	5,932	-	-	-	-	-	5,932	-	97	-	-	-
Strip Permit No. 504-21	Jefferson	41,519	-	-	-	-	-	41,519	-	96	-	-	-
Strip Permit No. 504-22	Jefferson	47,050	-	-	-	-	-	47,050	-	240	-	-	-
Strip Permit No. 504-23	Jefferson	94,501	-	-	-	-	-	94,501	-		13	-	-
Total													
Minns Coal Co.													
Strip Permit No. 138-10	Jefferson	39,343	-	26,668	2,902	-	-	68,913	-	297	14	-	1
Moore Coal Co., Everett													
Strip Permit No. 157-11	Jefferson	14,189	-	-	-	-	-	14,189	-	77	5	-	-
P & N Coal Co., Inc.													
Strip Permit No. 32-49	Jefferson	20,375	-	-	-	-	-	20,375	-	285	14	-	1
Strip Permit No. 32-60	Jefferson	52,019	-	-	-	-	-	52,019	-	-	-	-	-
Strip Permit No. 32-65	Jefferson	53,817	-	-	-	-	-	53,817	-	-	-	-	-
Strip Permit No. 32-69	Clearfield	8,474	-	-	-	-	-	8,474	-	-	3	-	-
Strip Permit No. 32-55	Jefferson	29,873	-	-	-	-	-	29,873	-	98	12	-	-
Auger - BAM-540	Jefferson	2,577	-	-	-	-	-	2,577	-	22	3	-	-
Total		167,135	-	-	-	-	-	167,135	-		32	-	1
Pascaret, James													
Strip Permit No. 23-2(A) (b)	Jefferson	-	-	-	-	-	-	-	-	92	3	-	-
S & M Coal													
Strip Permit No. 1005-1	Jefferson	24,015	-	-	-	-	-	24,015	-	203	4	-	-
Snyder Coal Co., Marlin L.													
Strip Permit No. 395-2(C)	Jefferson	-	-	8,072	-	-	-	8,072	-	152	1	-	-
Stahlman Coal Co., Inc., W. P.													
Strip Permit No. 9-32	Jefferson	25,951	-	24,933	1,110	-	-	51,994	-	298	27	-	1
Strip Permit No. 9-36	Jefferson	8,433	-	8,223	360	-	-	17,016	-	143	-	-	-
Strip Permit No. 9-37	Jefferson	9,220	-	8,859	-	-	-	18,079	-	174	-	-	-
Strip Permit No. 9-42	Jefferson	17,821	-	17,123	-	-	-	34,944	-	110	-	-	-
Strip Permit No. 9-43	Jefferson	12,919	-	12,412	-	-	-	25,331	-	98	-	-	-
Total		74,344	-	71,550	1,470	-	-	147,364	-		27	-	1

District 38

		Production of Coal & Coke - Net Tons										
		Shipped to Market			Coal Used		Used in		Total	Aver-		
					Locally		Manu-		Produc-	age	No.	Fatal
		By			for		facture		tion	Days	of Em-	Acci-
		By			Domestic		of Coke		of Coke	Worked	ployes	dents
		Truck			Purposes							
County	Operators and Mines	Rail	Water									
Jefferson	Starr, Ivan, Jr. Strip Permit No. 364-4	29,100	-	-	-	-	-	29,100	-	301	3	-
Jefferson	Strishock Coal Co. Strip Permit No. 214-7	12,430	-	-	-	-	-	12,430	-	133	8)	-
Jefferson	Strip Permit No. 214-10	19,960	-	-	-	-	-	19,960	-	144	)	-
	Total	32,390	-	-	-	-	-	32,390	-		8	-
Jefferson	Sugar Hill Limestone Co. Strip Permit No. 496-6	74,494	-	-	1,500	-	-	75,994	-	284	9	-
Jefferson	Vetica Construction Co. Strip Permit No. 627-1	37,728	-	-	-	-	-	37,728	-	275	6	-
	District Total	1,127,318	-	287,111	7,874	-	-	1,422,303	-	240	263	-
												6

NOTE: (a) Employees included in those at other operations, same company.  
(b) Backfilling.

District 39

Indiana	Arcadia Co., Inc., The Strip Permit No. 164-9	-	-	-	-	-	-	-	129	1	-
Indiana	Strip Permit No. 164-10	7,129	-	-	-	-	7,129	-	231	2	-
Indiana	Strip Permit No. 164-13	33,784	-	-	-	-	33,784	-	306	7	-
Indiana	Strip Permit No. 164-14	14,042	-	-	-	-	14,042	-	279	3	-
Indiana	Strip Permit No. 164-15	41,291	-	-	-	-	41,291	-	281	6	-
Indiana	Strip Permit No. 164-16	175	-	-	-	-	175	-	180	1	-
Indiana	Strip Permit No. 164-17, (a)	15,782	-	-	-	-	15,782	-	230	3	-
Indiana	Strip Permit No. 164-18	3,687	-	-	-	-	3,687	-	291	4	-
Indiana	Strip Permit No. 164-19	32,178	-	-	-	-	32,178	-	254	7	1
Indiana	Strip Permit No. 164-20	7,176	-	-	-	-	7,176	-	50	8	-
Indiana	Strip Permit No. 164-21	4,432	-	-	-	-	4,432	-	50	7	-
Indiana	Auger - BAM-466 (a)	7,911	-	-	-	-	7,911	-	93	3	-
	Total	167,587	-	-	-	-	167,587	-	52	-	-
Indiana	Beilchick Brothers Strip Permit No. 95-1	-	-	20,124	-	-	20,124	-	189	7	-
Indiana	Benjamin Coal Co. Strip Permit No. 64-16	136,750	-	-	-	-	136,750	-	300	11	1
Indiana	Strip Permit No. 64-38	9,769	-	-	-	-	9,769	-	53	10	-

District 39

Operators and Mines	County	Production of Coal & Coke - Net Tons						Total : Aver- age Days Worked	No. of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market	Locally for	Domestic Purposes	Used in Manu- facture of Coke	Total Produc- tion of Coal	Total Produc- tion of Coke				
		By Rail	By Water	By Truck							
Benjamin Coal Co. (Continued)											
Strip Permit No. 64-62	Indiana	14,951	-	-	-	14,951	-	150	-	-	-
Strip Permit No. 64-83	Indiana	9,863	-	-	-	9,863	-	25	-	-	-
Total		171,333	-	-	-	171,333	-	21	-	-	-
Bennett, W. R.											
Strip Permit No. 924-2	Indiana	-	-	3,155	-	3,155	-	31	3	-	-
Bozzo, Inc., Frank B.											
Strip Permit No. 669-1	Indiana	-	-	54,847	-	54,847	-	129	10	-	-
Fello, Thomas A.											
Strip Permit No. 572-1	Indiana	-	-	1,500	-	1,500	-	145	2	-	-
Hawk Bros. Contracting Co.											
Strip Permit No. 121-6 (a)	Indiana	-	-	15,443	-	15,443	-	49	15	-	-
Strip Permit No. 121-7	Indiana	-	-	157,272	-	157,272	-	284	-	-	-
Total		-	-	172,715	-	172,715	-	15	-	-	-
Head Coal Co.											
Strip Permit No. 124-5	Indiana	-	-	-	-	-	-	48	4	-	-
Strip Permit No. 124-8	Indiana	-	-	16,396	-	16,396	-	226	-	-	-
Auger - BAM-511	Indiana	-	-	358	-	358	-	3	3	-	-
Total		-	-	16,754	-	16,754	-	7	-	-	-
Lamkie Coal Co., Inc.											
Strip Permit No. 107-6	Clearfield	5,541	-	-	-	5,541	-	118	4	-	-
Strip Permit No. 107-7 (a)	Indiana	15,645	-	-	-	15,645	-	211	3	-	-
Total		21,186	-	-	-	21,186	-	7	-	-	-
Leasure Coal Co.											
Strip Permit No. 563-3	Indiana	5,615	-	-	-	5,615	-	222	3	-	-
Strip Permit No. 563-4	Indiana	22,936	-	-	-	22,936	-	245	5	-	-
Strip Permit No. 563-5	Indiana	13,127	-	-	-	13,127	-	104	-	-	-
Total		41,678	-	-	-	41,678	-	8	-	-	-
Leasure Coal Co., R. L.											
Strip Permit No. 991-1	Indiana	12,479	-	3,562	-	16,041	-	207	5	-	-
Strip Permit No. 991-2	Indiana	32,097	-	15,391	-	47,488	-	246	6	-	-
Total		44,576	-	18,953	-	63,529	-	11	-	-	-
M & S Mining, Inc.											
Strip Permit No. 1001-1	Indiana	-	-	19,283	-	19,283	-	241	2	-	-
Marion Center Mining Co.											
Strip Permit No. 212-4	Indiana	14,204	-	-	-	14,204	-	169	5	-	-
Strip Permit No. 212-5	Indiana	11,987	-	-	-	11,987	-	129	5	-	-
Total		26,191	-	-	-	26,191	-	10	-	-	-



## District 39

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Total Production of Coal		Total Production of Coke		Aver- age Days Worked	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manu- facture of Coke	Production of Coal	Production of Coke	No. of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
Mears Coal Co.	Indiana	-	-	12,965	-	-	12,965	-	277	3	-
Strip Permit No. 3-7	Indiana	-	-	18,751	-	-	18,751	-	277	2	-
Strip Permit No. 3-8	Indiana	-	-	680	-	-	680	-	45	2	-
Strip Permit No. 3-9 (a)	Indiana	-	-	-	-	-	-	-	223	1	-
Strip Permit No. 3-11	Indiana	-	-	18,077	-	-	18,077	-	247	2	-
Strip Permit No. 3-13	Indiana	-	-	3,634	-	-	3,634	-	115	1	-
Strip Permit No. 3-15	Indiana	-	-	5,757	-	-	5,757	-	66	3	-
Auger - BAH-435	Indiana	-	-	2,100	-	-	2,100	-	23	-	-
Auger - BAH-455 (a)	Indiana	-	-	1,374	-	-	1,374	-	23	-	-
Auger - BAH-471	Indiana	-	-	63,338	-	-	63,338	-	14	-	-
Total											
Monnie, S. C.	Indiana	6,638	-	-	-	-	6,638	-	122	4	-
Strip Permit No. 58-11	Indiana	-	-	-	-	-	-	-	11	5	-
Morchesky Trucking & Excavating Co.	Indiana	-	-	4,095	-	-	4,095	-	157	8	-
Strip Permit No. 643-1	Indiana	-	-	-	-	-	-	-	32	8	-
North Cambria Fuel Co.	Indiana	29,018	-	-	-	-	29,018	-	27	-	-
Strip Permit No. 10-21	Indiana	-	-	-	-	-	-	-	22	-	-
Strip Permit No. 10-22	Indiana	4,648	-	-	-	-	4,648	-	147	14	1
Strip Permit No. 10-23	Indiana	-	-	-	-	-	-	-	245	15	-
Strip Permit No. 10-25 (a)	Indiana	45,734	-	5,110	-	-	50,844	-	225	6	-
Strip Permit No. 10-26	Indiana	135,102	-	3,079	-	-	138,181	-	191	12	-
Strip Permit No. 10-27	Indiana	122,042	-	-	-	-	122,042	-	104	4	-
Strip Permit No. 10-28	Indiana	13,906	-	50,829	-	-	64,735	-	104	-	-
Strip Permit No. 10-29	Indiana	21,055	-	5,115	-	-	26,170	-	67	-	-
Strip Permit No. 10-30	Indiana	371,505	-	64,133	-	-	435,638	-	27	-	-
Total											
Old Home Manor, Inc.	Indiana	-	-	254,164	-	-	254,164	-	93	6	-
Strip Permit No. 615-1	Indiana	-	-	38,936	-	-	38,936	-	41	1	-
Peles Coal Co., Inc.	Indiana	-	-	-	-	-	-	-	253	5	-
Strip Permit No. 612-2	Indiana	-	-	-	-	-	-	-	50	-	-
Polar Coal Co.	Indiana	-	-	-	-	-	-	-	-	-	-
Strip Permit Nos. 597-1&2 (a)	Indiana	-	-	13,392	-	-	13,392	-	-	-	-
Red Gap Coal Co.	Indiana	-	-	3,427	-	-	3,427	-	-	-	-
Strip Permit No. 433-5	Indiana	-	-	16,819	-	-	16,819	-	5	-	-
Strip Permit No. 433-6	Indiana	-	-	-	-	-	-	-	-	-	-
Total											



## District 40

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used				
		By Rail	By Water	By Truck	By	Locally for Domestic Purposes	Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees
Croner, Inc.	Somerset	21,319	-	-	-	-	-	21,319	-	220	29
	Somerset	8,897	-	-	-	-	-	8,897	-	120	-
	Somerset	23,910	-	-	-	-	-	23,910	-	230	-
	Somerset	24,286	-	-	-	-	-	24,286	-	130	-
	Somerset	1,430	-	-	-	-	-	1,430	-	110	-
	Somerset	6,662	-	-	-	-	-	6,662	-	90	-
	Somerset	23,275	-	-	-	-	-	23,275	-	200	-
Total		110,134	-	-	-	-	-	110,134	-	40	29
Decker Construction Co.	Somerset	39,731	-	3,000	-	-	-	42,731	-	290	14
	Somerset	6,429	-	-	-	-	-	6,429	-	50	-
	Somerset	46,160	-	3,000	-	-	-	49,160	-	-	14
Total		-	-	-	-	-	-	-	-	-	-
Doraville Enterprises	Somerset	-	-	14,000	250	-	-	14,250	-	265	4
	Somerset	-	-	34,105	-	-	-	34,105	-	246	11
	Somerset	-	-	14,604	-	-	-	14,604	-	178	11
	Somerset	-	-	16,303	-	-	-	16,303	-	130	3
	Somerset	-	-	65,012	-	-	-	65,012	-	-	25
	Somerset	-	-	3,810	-	-	-	3,810	-	250	10
	Somerset	-	-	-	53,403	-	-	53,403	-	274	7
General Refractories Co.	Somerset	-	-	67,287	-	-	-	67,287	-	140	7
	Somerset	-	-	17,147	-	-	-	17,147	-	16	3
	Somerset	-	-	1,247	-	-	-	1,247	-	20	3
	Somerset	-	-	18,394	-	-	-	18,394	-	-	6
	Somerset	-	-	-	5,627	-	-	5,627	-	276	3
	Somerset	120,638	-	-	-	-	-	120,638	-	291	46
	Somerset	44,648	-	-	-	-	-	44,648	-	259	5
Total		165,286	-	-	-	-	-	165,286	-	-	51
Ohler, Leo	Somerset	65,803	-	14,190	-	-	-	79,993	-	267	15
	Somerset	39,098	-	-	-	-	-	39,098	-	167	7
	Somerset	-	-	-	-	-	-	-	-	-	-
PBS Coals, Inc.	Somerset	-	-	-	-	-	-	-	-	-	-
	Somerset	-	-	-	-	-	-	-	-	-	-
	Somerset	-	-	-	-	-	-	-	-	-	-
Penn Pocahontas Coal Co.	Somerset	-	-	-	-	-	-	-	-	-	-
	Somerset	-	-	-	-	-	-	-	-	-	-
	Somerset	-	-	-	-	-	-	-	-	-	-



District 40

Operators and Mines	County	Production of Coal & Coke - Net Tons										Fatal Acci- dents	Non- fatal Acci- dents	
		Shipped to Market		Coal Used Locally for		Used in Manu- facture of Coke		Total Produc- tion of Coal		Total Produc- tion of Coke				No. of Em- ployes
		By Rail	By Water	By Truck	Domestic Purposes							Aver- age Days Worked		
Penn Pochontas Coal Co. (Continued)														
Strip Permit No. 651-5	Somerset	75,616	-	16,307	-	-	-	91,923	-	-	267	16	-	
Strip Permit No. 651-6	Somerset	26,212	-	5,652	-	-	-	31,864	-	-	254	3	-	
Strip Permit No. 651-7	Somerset	19,025	-	-	-	-	-	19,025	-	-	100	7	-	
Strip Permit No. 651-8	Somerset	34,981	-	7,478	-	-	-	42,459	-	-	267	6	-	
Total		260,735	-	43,627	-	-	-	304,362	-	-	-	54	-	
Penn Somerset Corp.														
Strip Permit No. 906-1	Somerset	-	-	154,590	-	-	-	154,590	-	-	306	24	-	
Portage Slag & Cinder, Inc.														
Strip Permit No. 977-1	Somerset	-	-	10,534	-	-	-	10,534	-	-	209	4	-	
S & S Coal Co.														
Strip Permit No. 534-1	Somerset	-	-	16,300	-	-	-	16,300	-	-	174	6	-	
Strip Permit No. 534-3	Somerset	-	-	16,900	-	-	-	16,900	-	-	186	-	-	
Strip Permit No. 534-4	Somerset	-	-	11,500	-	-	-	11,500	-	-	115	4	-	
Strip Permit No. 534-5	Somerset	-	-	12,500	-	-	-	12,500	-	-	198	6	-	
Strip Permit No. 534-6	Somerset	-	-	21,600	-	-	-	21,600	-	-	140	-	-	
Total		-	-	78,800	-	-	-	78,800	-	-	-	16	-	
Sanner Bros. Coal Co.														
Strip Permit No. 308-7	Somerset	52,121	-	-	-	-	-	52,121	-	-	254	8	-	
Strip Permit No. 308-8	Somerset	38,309	-	-	-	-	-	38,309	-	-	272	10	-	
Strip Permit No. 308-9	Somerset	65,689	-	-	-	-	-	65,689	-	-	272	-	-	
Strip Permit No. 308-11	Somerset	15,645	-	-	-	-	-	15,645	-	-	109	5	-	
Strip Permit No. 308-12	Somerset	6,430	-	-	-	-	-	6,430	-	-	18	-	-	
Total		178,194	-	-	-	-	-	178,194	-	-	-	23	-	
Scurfield, William E.														
Strip Permit No. 256-3	Somerset	-	-	36,000	-	-	-	36,000	-	-	212	8	-	
Strip Permit No. 256-7	Somerset	-	-	26,480	-	-	-	26,480	-	-	253	5	-	
Total		-	-	62,480	-	-	-	62,480	-	-	-	13	1	
Shafer, Walter F.														
Strip Permit No. 776-1A	Somerset	-	-	6,233	-	-	-	6,233	-	-	263	3	-	
Slifco Bros. Coal														
Strip Permit No. 257-1	Somerset	-	-	-	999	-	-	999	-	-	194	2	-	
Star Coal Co.														
Strip Permit No. 554-1	Somerset	-	-	7,386	-	-	-	7,386	-	-	264	5	-	
Squareco, Inc.														
Strip Permit No. 553-6, 6A, & 6A2	Somerset	86,736	-	-	-	-	-	86,736	-	-	270	10	-	
Strip Permit No. 553-8	Somerset	31,811	-	-	-	-	-	31,811	-	-	127	8	-	



## District 40

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market					Coal Used			Total	
		By Rail	By Water	By Truck	By Domestic Purposes	Locally for Manufacture of Coke	Used in	Manu-	facture	of Coal	of Coke
Somerseset		87,694	-	-	-	-	-	-	-	87,694	-
Total		206,741	-	-	-	-	-	-	-	206,741	-
District Total		1,105,813	-	556,702	61,459	-	-	-	-	1,723,974	-
										210	11
										29	-
										366	2
										10	-

Svonavee, Inc. (Continued)  
Strip Permit No. 553-9, 9A  
& 9A2

## District 41

Alumbaugh Coal Corp.											
Strip Permit No. 84-7	Somerseset	-	-	70,230	300	-	-	-	-	70,530	-
Strip Permit No. 84-8A	Somerseset	-	-	13,921	-	-	-	-	-	13,921	-
Strip Permit No. 84-8	Somerseset	-	-	15,068	-	-	-	-	-	15,068	-
Auger - BAM-536	Somerseset	-	-	2,990	-	-	-	-	-	2,990	-
Total		-	-	102,209	300	-	-	-	-	102,509	-
Badger Coal Co., Inc.											
Strip Permit No. 325-3 (A2)	Somerseset	-	-	29,637	-	-	-	-	-	29,637	-
Strip Permit No. 325-5	Somerseset	-	-	33,599	-	-	-	-	-	33,599	-
Total		-	-	63,236	-	-	-	-	-	63,236	-
Bigan Estate, John E.											
Strip Permit No. 291-3	Somerseset	-	-	9,911	-	-	-	-	-	9,911	-
Brant Coal Co., Inc.											
Strip Permit No. 194-3	Somerseset	-	-	111,827	-	-	-	-	-	111,827	-
Strip Permit No. 194-4	Somerseset	-	-	19,040	-	-	-	-	-	19,040	-
Strip Permit No. 194-6	Somerseset	-	-	-	-	-	-	-	-	-	-
Total		-	-	130,867	-	-	-	-	-	130,867	-
C & P Coal Co., Inc.											
Strip Permit No. 298-3 (a)	Somerseset	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 298-4 (a)	Somerseset	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 298-5 (a)	Somerseset	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 298-6 & 6A	Somerseset	-	-	19,923	-	-	-	-	-	19,923	-
Total		-	-	19,923	-	-	-	-	-	19,923	-
Diamond T Coal Co.											
Strip Permit No. 544-1	Somerseset	-	-	32,907	-	-	-	-	-	32,907	-
Strip Permit No. 544-2	Somerseset	-	-	67,339	-	-	-	-	-	67,339	-
Total		-	-	100,246	-	-	-	-	-	100,246	-
										257	15
										1	-
										15	-

District 41

Production of Coal & Coke - Net Tons											
Shipped to Market		Coal Used		Total Production of Coal	Aver- age Days Worked	No. of Em- ployes	Fatal Acci- dents	Non-fatal Acci- dents			
By Rail	By Water	By Truck	Locally for Domestic Purposes						Used in Manu- facture of Coke		
<b>East Ridge Mining, Inc.</b>											
Strip Permit No. 720-1	Somerset	-	-	58,000	-	301	5	-			
<b>Petterolf Coal Co., Inc., M. F.</b>											
Strip Permit No. 216-24	Somerset	-	-	18,000	-	241	10	-			
Strip Permit No. 216-27	Somerset	-	-	30,051	-	252	12	-			
Strip Permit No. 216-30 (a)	Somerset	-	-	-	-	11	3	-			
Total		-	-	18,051	-	-	25	-			
<b>G. M. &amp; W. Coal Co., Inc.</b>											
Strip Permit No. 1067-1	Somerset	994	-	-	994	39	11	-			
<b>Glessner Mines, R. H.</b>											
Strip Permit No. 221-10	Somerset	-	-	24,768	-	274	12	-			
<b>Godin, Joseph</b>											
Strip Permit No. 409-9	Somerset	-	-	88,800	-	310	14	-			
<b>J &amp; R Coal Co.</b>											
Strip Permit No. 1007-1	Somerset	-	-	181,009	-	98	3	-			
<b>Refuse</b>											
<b>Lasky Construction Co., Inc.</b>											
Strip Permit No. 217-1	Somerset	-	-	94,379	-	279	11	-			
<b>PBS Coals, Inc.</b>											
Strip Permit No. 222-6	Somerset	98,731	-	-	98,731	264	18	-			
Strip Permit No. 222-7 (a)	Somerset	-	-	-	-	234	2	-			
Strip Permit No. 222-17	Somerset	73,808	-	-	73,808	264	22	-			
Total		172,539	-	-	172,539	-	42	-			
<b>Scurfield, W. E.</b>											
Strip Permit No. 256-8	Somerset	-	-	3,420	-	41	8	-			
<b>Shaffer, Myron</b>											
Strip Permit No. 359-3	Somerset	-	-	4,546	-	192	2	-			
<b>Solar Fuel Co.</b>											
Strip Permit No. 1048-1	Somerset	5,525	-	-	5,525	68	5	-			
<b>Three S Coal Co.</b>											
Strip Permit No. 824-1	Somerset	-	-	81,734	-	302	9	-			
<b>W W Coal Co.</b>											
Strip Permit No. 594-1 (a)	Somerset	-	-	-	-	200	3	-			
Strip Permit No. 594-2	Somerset	-	-	76,670	-	308	7	-			
Total		-	-	76,670	-	-	10	-			
<b>Winder High Standard Coal Co.</b>											
Strip Permit No. 246-4 & 4A	Somerset	356	-	46,767	-	273	5	-			
Strip Permit No. 246-7	Somerset	215	-	2,123	-	114	2	-			
Auger - BAM-584	Somerset	-	-	2,762	-	38	3	-			
Total		571	-	51,652	-	-	10	-			

# District 41

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in Manu- facture of Coke		Total Production of Coal		Total Production of Coke	
		By Rail	By Water	By Truck	Locally for Domestic Purposes					Average Days Worked	No. of Em- ployes
Zubek and Yantus	Somerset	27,100	-	-	-	-	-	27,100	-	273	3
Strip Permit No. 332-6	Somerset	24,011	-	-	-	-	-	24,011	-	240	4
Strip Permit No. 332-7	Somerset	51,111	-	-	-	-	-	51,111	-	-	7
Total											
District Total		230,740	-	1,114,653	25,068	-	-	1,370,461	-	232	236
											7

NOTE: (a) Backfilling only.

# District 42

Ace Drilling Coal Co., Inc.	Cambria	-	-	-	-	-	-	-	-	208	5	-
Strip Permit No. 218-6	Cambria	-	-	-	-	-	-	-	-	22	1	-
Strip Permit No. 218-8	Blair	57,373	-	-	-	-	-	57,373	-	245	8	-
Strip Permit No. 218-10 (a)	Cambria	-	-	-	-	-	-	-	-	51	2	-
Strip Permit No. 218-11	Cambria	24,435	-	-	-	-	-	24,435	-	65	13	-
Strip Permit No. 218-12A	Cambria	2,700	-	-	-	-	-	2,700	-	112	2	-
Strip Permit No. 218-13 (b)	Cambria	17,815	-	-	-	-	-	17,815	-	190	4	-
Strip Permit No. 218-14	Cambria	102,323	-	-	-	-	-	102,323	-	-	35	-
Total												
Bender Coal Co., Edward P.	Cambria	-	-	13,106	-	-	-	13,106	-	75	4	-
Strip Permit No. 593-4	Cambria	-	-	21,548	-	-	-	21,548	-	168	3	-
Strip Permit No. 593-7	Cambria	-	-	9,267	-	-	-	9,267	-	41	3	-
Strip Permit No. 593-8	Cambria	-	-	43,921	-	-	-	43,921	-	-	10	-
Total												
Benjamin Coal Co.	Cambria	128,453	-	-	-	-	-	128,453	-	131	9	1
Strip Permit No. 64-82	Cambria	-	-	3,001	-	-	-	3,001	-	132	5	-
Bigan Coal Co., M. H.	Cambria	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 657-1 (a)	Cambria	-	-	-	-	-	-	-	-	-	-	-
Cooney Bros. Coal Co.	Cambria	70,420	-	-	-	-	-	70,420	-	239	11	-
Strip Permit No. 238-1	Cambria	61,365	-	-	-	-	-	61,365	-	239	9	1
Strip Permit No. 238-2	Cambria	120,000	-	78,505	-	-	-	198,505	-	239	18	-
Strip Permit No. 238-3	Cambria	34,925	-	-	-	-	-	34,925	-	239	11	-
Strip Permit No. 238-10	Cambria	-	-	40,195	-	-	-	40,195	-	239	3	-
Strip Permit No. 238-12 (a)	Cambria	14,940	-	-	-	-	-	14,940	-	60	5	-
Strip Permit No. 238-14	Cambria	-	-	7,250	-	-	-	7,250	-	60	5	-
Strip Permit No. 238-16	Cambria	301,650	-	125,950	-	-	-	427,600	-	-	62	-
Total												



District 42

Operators and Mines		Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Total	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Production of Coal	Production of Coke	Average Days Worked	No. of Em- ployes	Fatal Acci- dents
County											
Heehbon Coal Co., Inc.		39,959	-	-	-	-	39,959	-	261	13	-
Strip Permit No. 200-2											
Krieger, James		-	-	553	-	-	553	-	87	2	-
Strip Permit No. 519-1 (a)											
Kristianson & Johnson Coal Co.											
Strip Permit No. 56-8		40,815	-	-	-	-	40,815	-	305	4	1
Strip Permit No. 56-19		46,024	-	-	-	-	46,024	-	305	6	2
Strip Permit No. 56-25		41,181	-	-	-	-	41,181	-	305	10	-
Strip Permit No. 56-32		23,252	-	-	-	-	23,252	-	75	2	-
Total		151,272	-	-	-	-	151,272	-	-	22	-
Lechene Coal Co.		29,946	-	-	-	-	29,946	-	281	15	-
Strip Permit No. 892-1											
M & K Coal Co.		-	-	36,233	-	-	36,233	-	141	6	-
Refuse		-	-	15,484	-	-	15,484	-	54	5	-
North Cambria Fuel Co.		-	-	-	-	-	-	-	-	-	-
Strip Permit No. 10-33		-	-	100,354	-	-	100,354	-	257	17	-
Pennsylvania Energy Corp.		-	-	16,000	-	-	16,000	-	68	-	-
Strip Permit No. 921-1		-	-	116,354	-	-	116,354	-	-	17	-
Strip Permit No. 921-3		-	-	-	-	-	-	-	-	-	-
Total		-	-	-	-	-	-	-	-	-	-
Powell Coal Co., C. E.		16,611	-	-	100	-	16,711	-	137	6	-
Strip Permit No. 101-16											
Ridge Mining Co.		-	-	650	-	-	650	-	45	2	-
Strip Permit No. 654-1											
Starford Coal Corp.		29,739	-	-	-	-	29,739	-	213	7	1
Strip Permit Nos. 611-1, 2 & 3		-	-	38,600	-	-	38,600	-	40	3	-
Refuse		29,739	-	38,600	-	-	68,339	-	-	10	-
Total		-	-	-	-	-	-	-	-	-	-
Weakland Brothers		-	-	23,915	-	-	23,915	-	234	4	-
Strip Permit No. 219-8											
District Total		799,953	-	404,661	100	-	1,204,714	-	201	223	6

NOTE: (a) Backfilling.  
(b) Completed.





## District 43

Operators and Mines	County	Production of Coal & Coke - Net Tons										Non-fatal Accidents	Fatal Accidents
		Shipped to Market		Coal Used		Used in Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked	No. of Employees			
		By Rail	By Water	By Truck	Locally for Domestic Purposes								
Hamlin Coal Co., Inc. (Continued)													
Auger - BAM-563	Clearfield	6,759	-	-	-	-	6,759	-	40	-	-	-	-
Auger - BAM-563	Clearfield	1,933	-	-	-	-	1,933	-	7	-	-	-	-
Total		114,049	-	-	-	-	114,049	-	-	21	-	-	-
Hepburnia Coal Co.													
Strip Permit No. 14-38 (a)	Clearfield	56,085	-	-	-	-	56,085	-	178	7	-	-	-
Strip Permit No. 14-42	Clearfield	53,500	-	-	-	-	53,500	-	206	4	-	-	-
Strip Permit No. 14-43	Clearfield	39,639	-	-	-	-	39,639	-	111	(d)	-	-	-
Total		149,224	-	-	-	-	149,224	-	-	11	-	-	-
Kann, John													
Strip Permit No. 621-4A	Clearfield	9,264	-	-	-	-	9,264	-	44	6	-	-	-
Kasubick Brothers													
Strip Permit No. 185-3	Clearfield	-	-	567	-	-	567	-	29	2	-	-	-
Kitko, Francis													
Strip Permit No. 562-1	Clearfield	-	-	-	408	-	408	-	57	1	-	-	-
Kristianson & Johnson Coal Co.													
Strip Permit No. 56-26	Clearfield	-	-	26,199	-	-	26,199	-	175	4	-	-	-
Strip Permit No. 56-31	Clearfield	-	-	700	-	-	700	-	75	-	-	-	-
Total		-	-	26,899	-	-	26,899	-	-	4	-	-	-
Mears Coal Co.													
Strip Permit No. 3-12 (b)	Indiana	-	-	1,150	-	-	1,150	-	255	1	-	-	-
Minds Coal Co.													
Strip Permit No. 391-3	Clearfield	-	-	9,482	-	-	9,482	-	151	3	-	-	-
P & N Coal Co., Inc.													
Strip Permit No. 32-63	Clearfield	37,334	-	-	-	-	37,334	-	255	6	-	-	-
Strip Permit No. 32-66	Clearfield	55,667	-	-	-	-	55,667	-	210	12	-	-	-
Total		93,001	-	-	-	-	93,001	-	-	18	-	-	-
Powell Coal Co., C. E.													
Strip Permit No. 101-18	Clearfield	69,473	-	-	-	-	69,473	-	177	13	-	-	-
Strip Permit No. 101-19	Clearfield	13,828	-	-	-	-	13,828	-	75	-	-	-	-
Strip Permit No. 101-20	Clearfield	15,976	-	-	-	-	15,976	-	87	-	-	-	-
Total		99,277	-	-	-	-	99,277	-	-	13	-	-	-
Shale Hill Coal Co.													
Strip Permit No. 598-4A	Clearfield	10,000	-	-	-	-	10,000	-	74	3	-	-	-
Shawville Coal Co.													
Strip Permit No. 30-1 (a)	Clearfield	12,461	-	-	-	-	12,461	-	97	8	-	-	-
Simca Mining, Inc.													
Strip Permit No. 529-1	Clearfield	-	-	154,308	-	-	154,308	-	357	21	-	-	1
Strip Permit No. 529-2	Clearfield	-	-	67,870	-	-	67,870	-	276	11	-	-	-

District 43

Operators and Mines	County	Production of Coal & Coke - Net Tons										Non- fatal Acci- dents
		Shipped to Market					Coal Used		Total Produc- tion of Coke	Aver- age Days Worked	No. of Em- ployes	
		By Rail	By Water	By Truck	Locally for	Domestic Purposes	Used in Manu- facture of Coke	Total Produc- tion of Coal				
Simca Mining, Inc. (Continued)	Clearfield	-	-	4,485	-	-	-	-	4,485	44	-	-
Strip Permit No. 529-3	Clearfield	-	-	1,287	-	-	-	-	1,287	32	-	-
Total		-	-	227,950	-	-	-	-	227,950	32	-	-
District Total		1,110,790	-	364,919	7,701	-	-	-	1,483,410	254	265	3

NOTE: (a) Completed. (c) Stock coal.  
(b) Backfilling. (d) Same employees that worked at Strip Permit No. 14-38.

District 44

Avery Coal Co., Inc.												
Strip Permit No. 584-1	Clearfield	18,493	-	-	-	-	-	18,493	-	204	3	-
Strip Permit No. 584-3	Clearfield	13,029	-	-	-	-	-	13,029	-	164	5	-
Strip Permit No. 584-4	Clearfield	70,375	-	-	-	-	-	70,375	-	204	10	-
Total		101,897	-	-	-	-	-	101,897	-	18	18	-
Benjamin Coal Co.												
Strip Permit No. 64-80	Clearfield	58,450	-	-	-	-	-	58,450	-	147	12	-
Bradford Coal Co., Inc.												
Strip Permit No. 61-26	Clearfield	-	-	290,283	-	-	-	290,283	-	315	41	1
Strip Permit No. 61-28	Clearfield	-	-	24,697	-	-	-	24,697	-	-	-	-
Strip Permit No. 61-29	Clearfield	-	-	112,311	-	-	-	112,311	-	-	-	-
Total		-	-	427,291	-	-	-	427,291	-	41	41	-
Brown Co., Earl M.												
Strip Permit No. 104-14	Clearfield	-	-	5,617	-	-	-	5,617	-	69	13	-
Strip Permit No. 104-15	Clearfield	-	-	81,965	-	-	-	81,965	-	278	-	-
Strip Permit No. 104-18	Clearfield	-	-	33,099	-	-	-	33,099	-	183	-	-
Total		-	-	120,681	-	-	-	120,681	-	13	-	-
Centre Fuel & Mineral												
Strip Permit No. 983-1	Clearfield	-	-	4,913	-	-	-	4,913	-	186	2	-
Elliot Coal Mining Co., Inc.												
Strip Permit No. 59-19	Clearfield	36,337	-	-	-	-	-	36,337	-	118	13	-
Strip Permit No. 59-22	Clearfield	42,584	-	-	-	-	-	42,584	-	118	8	-
Total		78,921	-	-	-	-	-	78,921	-	21	21	-
Empire Coal Co.												
Strip Permit No. 69-34	Clearfield	28,495	-	-	-	-	-	28,495	-	105	13	-



## District 44

Operators and Mines	County	Production of Coal & Coke - Net Tons							Total : Produc- tion : of Coke	Aver- age Days Worked	No. of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market	By Rail	By Water	By Truck	Locally for Domestic Purposes	Coal Used in Manu- facture of Coke	Total Produc- tion of Coal					
Flango Bros. Coal Co. Strip Permit No. 161-11	Clearfield	-	12,916	-	-	-	-	12,916	-	89	9	-	-
Gallagher Coal Co. Strip Permit No. 371-1	Clearfield	-	-	-	17,899	-	-	17,899	-	240	4	-	-
Halsey Contracting Co., Inc. Strip Permit No. 501-3	Clearfield	-	-	-	64,984	-	-	64,984	-	225	19	-	-
Hamer, Ardell B. Strip Permit No. 517-1	Clearfield	-	-	-	16,578	-	-	16,578	-	262	8	-	-
Hamilton Contracting Co., Al Strip Permit No. 533-1	Clearfield	-	-	-	111,940	-	-	111,940	-	315	32	-	-
Strip Permit No. 533-2	Clearfield	-	-	-	158,726	-	-	158,726	-	-	-	-	-
Total		-	-	-	270,666	-	-	270,666	-	-	32	-	-
Holland, Arden W. Strip Permit No. 661-1	Clearfield	-	-	-	9,627	-	-	9,627	-	133	6	-	-
Kasubick Brothers Strip Permit No. 185-1	Clearfield	-	-	-	9,307	-	-	9,307	-	185	3	-	-
Lansberry Coal & Excavating Co. Strip Permit No. 543-2	Clearfield	-	-	-	11,164	-	-	11,164	-	129	6	-	-
Long Coal Co., A. W. Strip Permit No. 663-1	Clearfield	-	-	-	7,294	-	-	7,294	-	220	3	-	-
McGovern Coal Co., Clair C. Strip Permit No. 440-3	Clearfield	-	-	-	-	30,299	-	30,299	-	294	5	-	-
Penn Coal Co. Strip Permit No. 607-3	Clearfield	-	-	-	42,109	-	-	42,109	-	282	7	-	-
Strip Permit No. 607-4	Clearfield	-	-	-	52,831	-	-	52,831	-	288	9	-	-
Total		-	-	-	94,940	-	-	94,940	-	-	16	-	-
Pike Coal Co. Strip Permit No. 430-10	Clearfield	-	-	-	26,397	-	-	26,397	-	91	21	-	-
Strip Permit No. 430-14	Clearfield	-	-	-	63,572	-	-	63,572	-	146	-	-	-
Strip Permit No. 430-16	Clearfield	-	-	-	10,806	-	-	10,806	-	87	-	-	-
Strip Permit No. 430-19	Clearfield	-	-	-	2,020	-	-	2,020	-	14	-	-	-
Total		-	-	-	102,795	-	-	102,795	-	-	21	-	-
Power Contracting Co. Strip Permit No. 1078-1 & 2	Clearfield	-	-	-	26,939	-	-	26,939	-	75	19	-	-
Reese Brothers Strip Permit No. 539-3	Clearfield	-	-	-	79,757	-	-	79,757	-	305	6	-	-
Strip Permit No. 539-7	Clearfield	-	-	-	27,625	-	-	27,625	-	306	7	-	-
Total		-	-	-	107,382	-	-	107,382	-	-	13	-	-



District 44

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Total	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Coal	Produc- tion of Coal	Produc- tion of Coke	Age of Days Worked	No. of Em- ployes
River Hill Coal Co., Inc.	Clearfield	-	-	762	-	-	-	762	-	190	10)
Strip Permit No. 20-26	Clearfield	23,998	-	1,324	-	-	-	25,322	-	275	-
Strip Permit No. 20-27	Clearfield	5,076	-	106	40	-	-	5,222	-	165	8)
Strip Permit No. 20-30	Clearfield	12,404	-	2,780	65	-	-	15,249	-	139	-
Strip Permit No. 20-31	Clearfield	14,409	-	1,646	60	-	-	16,115	-	128	-
Strip Permit No. 20-32	Clearfield	55,887	-	6,618	165	-	-	62,670	-	18	-
Total											
Roy Coal Co.	Clearfield	-	-	3,799	-	-	-	3,799	-	207	2
Strip Permit No. 113-3	Clearfield	-	-	-	-	-	-	-	-	-	-
Ryan Bros. Coal Co.	Clearfield	20,238	-	8,946	-	-	-	29,184	-	315	8
Strip Permit No. 31-6 & 8	Clearfield	-	-	-	-	-	-	-	-	-	-
Shale Hill Coal Co.	Clearfield	20,426	-	-	-	-	-	20,426	-	207	3
Strip Permit No. 598-1	Clearfield	-	-	-	-	-	-	-	-	-	-
Swistock & George	Clearfield	8,261	-	-	-	-	-	8,261	-	240)	5)
Strip Permit No. 522-1	Clearfield	9,855	-	-	-	-	-	9,855	-	-	-
Strip Permit No. 522-5	Clearfield	18,116	-	-	-	-	-	18,116	-	5	-
Total											
Thompson Coal Co., Inc., John	Clearfield	-	-	81,300	-	-	-	81,300	-	312	17
Strip Permit Nos. 492-1, 2, 3, 4, 5, 6 & 7	Clearfield	-	-	-	-	-	-	-	-	-	1
Winters Construction, Melvin	Clearfield	-	-	2,465	-	-	-	2,465	-	125	2
Strip Permit Nos. 11-2 & 3A	Clearfield	-	-	-	-	-	-	-	-	-	-
District Total		395,346	-	1,395,588	30,464	-	-	1,821,398	-	251	339

District 45

Benjamin Coal Co.	Clearfield	30,006	-	-	-	-	-	30,006	-	115	66)
Strip Permit No. 64-39	Clearfield	18,894	-	-	-	-	-	18,894	-	87	-
Strip Permit No. 64-41	Clearfield	83,856	-	-	-	-	-	83,856	-	265	-
Strip Permit No. 64-43	Clearfield	9,228	-	-	-	-	-	9,228	-	27	-
Strip Permit No. 64-44	Clearfield	34,729	-	-	-	-	-	34,729	-	125	-
Strip Permit No. 64-55	Clearfield	26,649	-	-	-	-	-	26,649	-	202	-
Strip Permit No. 64-68	Clearfield	61,996	-	-	-	-	-	61,996	-	271	-
Strip Permit No. 64-70	Clearfield	30,500	-	-	-	-	-	30,500	-	204	-
Strip Permit No. 64-73	Clearfield	-	-	-	-	-	-	-	-	-	-

## District 45

Operators and Mines	County	Production of Coal & Coke - Net Tons										No. of Em- ployes	Fatal Acci- dents	Non- fatal Acci- dents		
		Shipped to Market		Coal Used				Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days Worked						
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Used in Manu- facture of Coke										
Benjamin Coal Co. (Continued)																
Strip Permit No. 64-75	Clearfield	25,102	-	-	-	-	-	-	25,102	-	98	-	-	-		
Strip Permit No. 64-79	Clearfield	33,976	-	-	-	-	-	-	33,976	-	102	-	-	-		
Strip Permit No. 64-84	Clearfield	19,068	-	-	-	-	-	-	19,068	-	60	-	-	-		
Strip Permit No. 64-86	Clearfield	4,221	-	-	-	-	-	-	4,221	-	25	-	-	-		
Strip Permit No. 64-87	Clearfield	4,429	-	-	-	-	-	-	4,429	-	20	-	-	-		
Total		382,654	-	-	-	-	-	-	382,654	-	66	-	-	-		
Bradford Coal Co., Inc.																
Strip Permit No. 61-30	Clearfield	-	-	-	49,079	-	-	-	49,079	-	287	12	-	-		
Carlin, Inc., R. S.	Clearfield	-	-	-	73,516	-	-	-	73,516	-	235	15	-	-		
Strip Permit No. 134-7	Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	-		
Central Coal Co.	Clearfield	4,500	-	-	-	-	-	-	4,500	-	156	3	-	-		
Strip Permit No. 625-1	Clearfield	-	-	-	14,639	-	-	-	14,639	-	132	6	-	-		
Clearfield Clay Products	Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	-		
Strip Permit No. 438-5	Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	-		
Clearfield Limestone Corp.	Clearfield	58,977	-	-	-	-	-	-	58,977	-	312	12	-	-		
Strip Permit Nos. 258-5 & 6	Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	-		
Edmunds Contracting & Supply Co., Inc.	Clearfield	-	-	-	99,957	-	-	-	99,957	-	292	16	-	2		
Strip Permit No. 532-2	Clearfield	-	-	-	6,124	-	-	-	6,124	-	45	13	-	-		
Strip Permit No. 532-3	Clearfield	-	-	-	106,081	-	-	-	106,081	-	29	-	-	2		
Total		-	-	-	-	-	-	-	-	-	-	-	-	-		
France Refractories Co., J. H.																
Strip Permit No. 525-3	Clearfield	-	-	-	10,900	-	-	-	10,900	-	200	4	-	-		
Glen Irvan Corp.	Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	-		
Strip Permit No. 671-2	Clearfield	-	-	-	35,152	-	-	-	35,152	-	281	5	-	-		
Green Refractories Co., A. P.	Clearfield	1,293	-	-	-	-	-	-	1,293	-	109	3	-	-		
Strip Permit No. 624-1 & 1A	Clearfield	-	-	-	-	-	-	-	-	-	-	-	-	-		
Harbison-Walker Refractories Co.	Clearfield	-	-	-	261	-	-	-	261	-	130	4	-	-		
Strip Permit No. 266-6	Clearfield	-	-	-	405	-	-	-	405	-	151	4	-	-		
Strip Permit No. 266-7	Clearfield	-	-	-	666	-	-	-	666	-	-	8	-	-		
Total		-	-	-	-	-	-	-	-	-	-	-	-	-		
Hepburnia Coal Co.																
Strip Permit No. 14-34	Clearfield	24,290	-	-	-	-	-	-	24,290	-	263	4	-	-		
Strip Permit No. 14-35	Clearfield	11,500	-	-	-	-	-	-	11,500	-	105	4	-	-		
Strip Permit No. 14-39	Clearfield	21,850	-	-	-	-	-	-	21,850	-	150	-	-	-		
Strip Permit No. 14-41	Clearfield	71,400	-	-	-	-	-	-	71,400	-	269	9	-	-		
Total		129,040	-	-	-	-	-	-	129,040	-	-	17	-	-		
Hoffman Coal Co., Inc., J. E.																
Strip Permit Nos. 90-5 & 8	Clearfield	104,714	-	-	20,359	-	-	-	125,073	-	314	30	-	-		

## District 45

Operators and Mines	County	Production of Coal & Coke - Net Tons									
		Shipped to Market		Coal Used		Used in		Total		Total	
		By Rail	By Water	By Truck	Locally for Domestic Purposes	Manu- facture of Coke	Coal	Produc- tion of Coal	Produc- tion of Coke	Age of Em- ployes	Fatal Acci- dents
<b>Kristianson &amp; Johnson Coal Co.</b>											
Strip Permit No. 56-12	Clearfield	-	-	4,286	-	-	-	4,286	-	222	2
Strip Permit No. 56-16	Clearfield	-	-	96,312	-	-	-	96,312	-	305	11
Strip Permit No. 56-17	Clearfield	-	-	88,239	-	-	-	88,239	-	305	10
Strip Permit No. 56-23	Clearfield	-	-	58,377	-	-	-	58,377	-	305	3
Strip Permit No. 56-24	Clearfield	-	-	80,474	-	-	-	80,474	-	305	6
Strip Permit No. 56-27	Clearfield	-	-	36,827	-	-	-	36,827	-	125	7
Strip Permit No. 56-28	Clearfield	-	-	20,875	-	-	-	20,875	-	125	6
Strip Permit No. 56-29	Clearfield	-	-	12,286	-	-	-	12,286	-	190	2
<b>Total</b>		-	-	397,676	-	-	-	397,676	-	147	-
<b>McDonald Coal Co.</b>											
Strip Permit No. 659-1	Clearfield	-	-	38,652	-	-	-	38,652	-	302	4
<b>Mohannon Falls Mining Co., Inc.</b>											
Strip Permit No. 5-2(A & 2A)	Clearfield	76,752	-	-	-	-	-	76,752	-	310	14
<b>North American Refractories Co.</b>											
Strip Permit No. 800-1	Clearfield	-	-	-	816	-	-	816	-	60	3
<b>Ogden, Chester A.</b>											
Strip Permit No. 585-1	Clearfield	-	-	16,689	30	-	-	16,719	-	176	7
Strip Permit No. 585-2	Clearfield	-	-	9,145	-	-	-	9,145	-	179	-
Strip Permit No. 585-3	Clearfield	-	-	42,335	-	-	-	42,335	-	230	9
<b>Total</b>		-	-	68,169	30	-	-	68,199	-	16	-
<b>Orlando, Dominick</b>											
Strip Permit No. 416-3	Clearfield	4,208	-	-	-	-	-	4,208	-	143	3
<b>Reese, Philip</b>											
Strip Permit No. 156-1C-A3	Clearfield	-	-	57,240	-	-	-	57,240	-	240	8
<b>River Hill Coal Co., Inc.</b>											
Strip Permit No. 20-29	Clearfield	120,914	-	-	140	-	-	121,054	-	283	13
Strip Permit No. 20-33	Clearfield	22,271	-	-	35	-	-	22,306	-	75	12
<b>Total</b>		143,185	-	-	175	-	-	143,360	-	25	-
<b>Shale Hill Coal Co.</b>											
Strip Permit No. 598-3	Clearfield	17,267	-	-	-	-	-	17,267	-	154	4
Strip Permit No. 598-6	Clearfield	18,445	-	-	-	-	-	18,445	-	121	4
<b>Total</b>		35,712	-	-	-	-	-	35,712	-	8	-
<b>Shawville Coal Co.</b>											
Strip Permit No. 30-2	Clearfield	141,876	-	-	-	-	-	141,876	-	304	24
Strip Permit No. 30-13	Clearfield	9,519	-	-	-	-	-	9,519	-	77	14
Strip Permit No. 30-18	Clearfield	6,015	-	-	-	-	-	6,015	-	76	-
Strip Permit No. 30-19	Clearfield	85,813	-	-	-	-	-	85,813	-	304	15
Strip Permit No. 30-20	Clearfield	28,658	-	-	-	-	-	28,658	-	128	9
Strip Permit No. 30-21	Clearfield	2,568	-	-	-	-	-	2,568	-	86	-

District 45

Operators and Mines		Production of Coal & Coke - Net Tons										Fatal Acci- dents	Non- Acci- dents
		Shipped to Market		Coal Used		Used in Manu- facture of Coke		Total Produc- tion of Coal		Total Produc- tion of Coke			
	County	By Rail	By Water	By Truck	for Domestic Purposes								
Shawville Coal Co. (Continued)													
Strip Permit No. 30-25	Clearfield	8,675	-	-	-	-	-	8,675	-	-	-	49	9)
Strip Permit No. 30-27	Clearfield	1,467	-	-	-	-	-	1,467	-	-	-	97	-
Strip Permit No. 30-28	Clearfield	9,130	-	-	-	-	-	9,130	-	-	-	106	-
Strip Permit No. 30-30	Clearfield	9,920	-	-	-	-	-	9,920	-	-	-	57	10)
Strip Permit No. 30-31	Clearfield	29,692	-	-	-	-	-	29,692	-	-	-	143	-
Strip Permit No. 30-33	Clearfield	10,446	-	-	-	-	-	10,446	-	-	-	49	-
Total		343,779	-	-	-	-	-	343,779	-	-	-	81	-
Strishock Coal Co.													
Strip Permit No. 214-8 (a)	Clearfield	-	-	-	-	-	-	-	-	-	-	106	2
Strip Permit No. 214-13	Clearfield	32,590	-	-	-	-	-	32,590	-	-	-	283	9
Total		32,590	-	-	-	-	-	32,590	-	-	-	11	-
Teeter Coal Co., John													
Strip Permit No. 147-6	Clearfield	-	-	50,000	-	-	-	50,000	-	-	-	260)	17)
Strip Permit No. 147-7	Clearfield	-	-	25,200	-	-	-	25,200	-	-	-	-	-
Total		-	-	75,200	-	-	-	75,200	-	-	-	17	-
Thomas Bros. Coal Co.													
Strip Permit No. 42-1	Clearfield	62,816	-	4,100	-	-	-	66,916	-	-	-	275	5
Strip Permit No. 42-3	Clearfield	34,969	-	-	-	-	-	34,969	-	-	-	275	6
Strip Permit No. 42-4	Clearfield	15,651	-	-	-	-	-	15,651	-	-	-	100	5)
Strip Permit No. 42-6	Clearfield	10,052	-	-	-	-	-	10,052	-	-	-	65	-
Strip Permit No. 42-7	Clearfield	1,826	-	-	-	-	-	1,826	-	-	-	46	4)
Strip Permit No. 42-9	Clearfield	19,072	-	-	-	-	-	19,072	-	-	-	150	-
Strip Permit No. 42-10	Clearfield	22,548	-	-	-	-	-	22,548	-	-	-	175	5
Strip Permit No. 42-11	Clearfield	4,776	-	-	-	-	-	4,776	-	-	-	90	3)
Strip Permit No. 42-12	Clearfield	6,021	-	-	-	-	-	6,021	-	-	-	90	-
Total		177,731	-	4,100	-	-	-	181,831	-	-	-	28	-
District Total		1,495,135	-	951,429	1,021	-	-	2,447,585	-	-	-	236	475

NOTE: (a) Backfilling.



## District 46

Operators and Mines	County	Production of Coal & Coke - Net Tons										Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market		Coal Used		Used in Manu- facture of Coke	Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days Worked	No. of Em- ployes			
		By Rail	By Water	By Truck	Locally for Domestic Purposes								
Bennetts Coal Co.													
Strip Permit No. 559-4	Elk	-	-	47,945	-	-	47,945	-	202	5	-	-	
Strip Permit No. 559-5	Elk	-	-	7,983	-	-	7,983	-	129	2	-	-	
Strip Permit No. 559-6	Elk	-	-	5,604	-	-	5,604	-	105	-	-	-	
Strip Permit No. 559-7	Elk	-	-	7,893	-	-	7,893	-	90	2	-	-	
Strip Permit No. 559-8	Elk	-	-	32,178	-	-	32,178	-	94	(a)	-	-	
Auger - BAM-548	Elk	-	-	6,446	-	-	6,446	-	115	3	-	-	
Total		-	-	108,049	-	-	108,049	-	-	12	-	-	
Carlin, Inc., R. S.													
Strip Permit No. 134-35	Clinton	-	-	149,775	-	-	149,775	-	236	5	-	1	
Confer Brothers													
Strip Permit No. 86-9	Clinton	-	-	65,270	-	-	65,270	-	264	7	-	-	
Doan Coal Co.													
Strip Permit No. 154-9	Elk	50,753	-	-	-	-	50,753	-	307	7	-	-	
Auger - BAM-547	Elk	3,360	-	-	-	-	3,360	-	21	-	-	-	
Total		54,113	-	-	-	-	54,113	-	-	7	-	-	
Esquire Fuel Co.													
Strip Permit No. 263-7(A)	Elk	-	-	17,507	-	-	17,507	-	254	5	-	-	
Evoek, Peter M.													
Strip Permit No. 530-2	Clinton	-	-	5,577	-	-	5,577	-	258	5	-	-	
Fink & Stackhouse, Inc.													
Strip Permit No. 524-2	Clinton	-	-	753	-	-	753	-	262	7	-	-	
Garden Coal Co., Inc.													
Strip Permit No. 381-4	Clinton	44,844	-	-	-	-	44,844	-	294	19	-	-	
Strip Permit No. 381-5 & 5A	Clinton	62,849	-	-	-	-	62,849	-	188	-	-	-	
Total		107,693	-	-	-	-	107,693	-	-	19	-	-	
Kettle Creek Corp.													
Strip Permit No. 447-7	Clinton	26,442	-	3,830	295	-	30,267	-	274	28	-	-	
Strip Permit No. 447-19 (b)	Clinton	-	-	-	-	-	-	-	46	-	-	-	
Strip Permit No. 447-22 (b)	Clinton	624	-	-	-	-	624	-	46	-	-	-	
Strip Permit No. 447-24 (b)	Clinton	-	-	-	-	-	-	-	24	-	-	-	
Strip Permit No. 447-25	Clinton	97,431	-	7,680	370	-	105,481	-	274	-	-	-	
Total		124,197	-	11,510	665	-	136,372	-	-	28	-	-	
Kingland Enterprises													
Strip Permit No. 992-2	Elk	-	-	40,606	-	-	40,606	-	140	7	-	1	
Marlowe Mining Co.													
Strip Permit No. 1096-1	Elk	790	-	-	-	-	790	-	12	5	-	-	
New Shawmut Mining Co.													
Strip Permit No. 196-11	Elk	-	-	8,507	-	-	8,507	-	220	2	-	-	

District 46

		Production of Coal & Coke - Net Tons										Fatal Accidents	Non-fatal Accidents	
		Shipped to Market		Coal Used		Used in Manufacture of Coke		Total Production of Coal		Total Production of Coke				
Operators and Mines	County	By Rail	By Water	By Truck	Locally for Domestic Purposes						Average Days Worked	No. of Employees		
Owens Coal Mining Co.														
Strip Permit No. 934-3	Elk	-	-	1,642	-	-	-	1,642	-	-	18	4	-	
P & N Coal Co., Inc.														
Strip Permit No. 32-41	Elk	539	-	-	-	-	-	539	-	-	11	2	-	
Strip Permit No. 32-42	Elk	63,904	-	-	-	-	-	63,904	-	-	294	10	-	
Strip Permit No. 32-46	Elk	86,644	-	-	-	-	-	86,644	-	-	276	11	-	
Strip Permit No. 32-62	Elk	1,948	-	-	-	-	-	1,948	-	-	280	1	-	
Strip Permit No. 32-64	Elk	41,102	-	-	-	-	-	41,102	-	-	280	3	-	
Strip Permit No. 32-67	Elk	11,465	-	-	-	-	-	11,465	-	-	70	3	-	
Total		205,602	-	-	-	-	-	205,602	-	-		30	-	
S & K Coal & Clay Co.														
Strip Permit No. 646-1	Clinton	-	-	517	-	-	-	517	-	-	158	5	-	
Smith & Rogos Coal Co.														
Strip Permit No. 135-2	Elk	-	-	13,244	-	-	-	13,244	-	-	180	5	-	
Strip Permit No. 135-9	Elk	-	-	37,860	-	-	-	37,860	-	-	308	6	-	
Strip Permit No. 135-10	Elk	-	-	10,783	-	-	-	10,783	-	-	128	(c)	-	
Auger - BAM-549	Elk	-	-	2,098	-	-	-	2,098	-	-	20	4	-	
Total		-	-	63,985	-	-	-	63,985	-	-		15	-	
Starr, Ivan, Jr.														
Strip Permit No. 368-5	Elk	-	-	22,300	-	-	-	22,300	-	-	301	3	-	
Auger - BAM-551	Elk	-	-	14,100	-	-	-	14,100	-	-	126	3	-	
Total		-	-	36,400	-	-	-	36,400	-	-		6	-	
Tamburlin Bros. Coal Co.														
Strip Permit No. 472-4	Elk	-	-	63,458	-	-	-	63,458	-	-	305	5	-	
Strip Permit No. 472-7	Elk	-	-	19,323	-	-	-	19,323	-	-	203	4	-	
Total		-	-	82,781	-	-	-	82,781	-	-		9	-	
Vollmer, Lawrence B.														
Strip Permit No. 142-1	Elk	-	-	914	-	-	-	914	-	-	194	2	-	
District Total		492,395	-	593,793	665	-	-	1,086,853	-	-	263	180	3	

NOTE: (a) Same employees that worked at Strip Permit No. 559-4 operation.  
(b) Completed and backfilled.  
(c) Same employees that worked at Strip Permit No. 135-2 operation.

## District 47

Operators and Mines	County	Production of Coal & Coke - Net Tons										Fatal Acci- dents	Non- fatal Acci- dents
		Shipped to Market			Coal Used			Total Produc- tion of Coal	Total Produc- tion of Coke	Aver- age Days Worked	No. of Em- ployes		
		By Rail	By Water	By Truck	Locally for	Domestic Purposes	Used in Manu- facture of Coke						
Carlin, Inc., R. S. Strip Permit No. 134-23	Centre	-	-	110,470	-	-	-	110,470	-	248	15	-	1
Elliot Coal Mining Co., Inc. Strip Permit No. 59-25	Centre	-	-	-	-	11,632	-	11,632	-	139	3	-	-
Fisher Mining Co. Strip Permit No. 637-1	Lycoming	-	-	88,823	-	-	-	88,823	-	304	10	-	2
Johnson & Morgan Strip Permit No. 490-6	Centre	-	-	87,391	-	-	-	87,391	-	250	9	-	-
Jones & Brague Mining Co. Strip Permit No. 7-1	Tioga	-	-	382,238	1,376	-	-	383,614	-	247	73	-	1
Strip Permit No. 7-15 (a)	Tioga	-	-	35,565	-	-	-	35,565	-	122	-	-	-
Strip Permit No. 7-18 (a)	Tioga	-	-	27,816	-	-	-	27,816	-	106	-	-	-
Strip Permit No. 7-19 (a)	Tioga	-	-	21,753	-	-	-	21,753	-	64	13	-	-
Strip Permit No. 7-21	Tioga	-	-	84,227	-	-	-	84,227	-	141	-	-	-
Strip Permit No. 7-22 (a)	Tioga	-	-	19,568	-	-	-	19,568	-	102	-	-	-
Strip Permit No. 7-23	Lycoming	-	-	2,289	-	-	-	2,289	-	5	3	-	-
Total		-	-	573,456	1,376	-	-	574,832	-	-	89	-	1
Kristianson & Johnson Coal Co. Strip Permit No. 56-30	Centre	10,400	-	10,294	-	-	-	20,694	-	176	3	-	1
Moore & Son, Inc., W. O. Strip Permit No. 313-5	Centre	-	-	39,102	-	-	-	39,102	-	273	11	-	1
Percival, John Strip Permit No. 1087-1	Tioga	-	-	3,449	-	-	-	3,449	-	19	5	-	-
Percival, Paul Strip Permit Nos. 131-1 & 3	Lycoming	-	-	41,203	-	-	-	41,203	-	276	9	-	1
Pike Coal Co. Strip Permit No. 430-15	Centre	-	-	11,220	-	-	-	11,220	-	21	2	-	-
S & D Trucking Co. Strip Permit No. 516-9(A)(a)	Centre	-	-	1,032	-	-	-	1,032	-	10	7	-	-
Strip Permit No. 516-10 (a)	Centre	-	-	34,763	-	-	-	34,763	-	164	-	-	-
Total		-	-	35,795	-	-	-	35,795	-	-	7	-	-
Seprish & Urbanick Coal Co. Strip Permit No. 128-6 (a)	Centre	-	-	-	5,516	-	-	5,516	-	62	7	-	-
Strip Permit No. 128-7 (a)	Centre	-	-	-	5,085	-	-	5,085	-	64	-	-	-
Strip Permit No. 128-8 (a)	Centre	-	-	-	2,736	-	-	2,736	-	41	-	-	-
Total		-	-	-	13,337	-	-	13,337	-	-	7	-	-
Stott Coal Co., Inc., James M. Strip Permit No. 278-11	Centre	12,450	-	-	-	-	-	12,450	-	45	11	-	1
Strip Permit No. 278-12 (a)	Centre	58,000	-	-	-	-	-	58,000	-	158	-	-	-

District 47

Operators and Mines	County	Production of Coal & Coke - Net Tons										Non-fatal Accidents	
		Shipped to Market			Coal Used		Used in Manufacture of Coke		Total Production of Coal		Total Production of Coke		No. of Employees
By Rail	By Water	By Truck	Locally for Domestic Purposes	Locally Manufacture of Coke	Total Production of Coal	Total Production of Coke	Average Days Worked						
Stott Coal Co., Inc., James M. (Continued)													
Strip Permit No. 278-13 (a) Centre		30,000	-	-	-	-	30,000	-	93	8)	-	-	-
Strip Permit No. 278-14 Centre		47,500	-	-	-	-	47,500	-	125	)	-	-	-
Total		47,950	-	-	-	-	47,950	-		19	-	-	1
District Total		158,350	-	1,001,203	26,345	-	1,185,898	-	241	189	-	-	8

NOTE: (a) Completed.

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# GEOGRAPHICAL TABLE



## District 1

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam in Inches	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible Dynamite (Name)
				: Shaft:	: Slope	: Drift:	: Lamps Used	: Drift:	: Flame:		
				: Aver-	: age	: Pitch	: Caseous or:	: Safety:	: tritic		
				: Degrees:	: Drift:	: Nongaseous:					
Eagal Coal Co.	Butler	Up. Freeport	42	-	-	-	Drift Nongaseous	-	8	-	Atlas*
Craig Saul Fisher Mining Co., C. A.	Butler	Up. Freeport	60	-	-	-	Drift Nongaseous	-	8	-	Austin**
Kathryn Republic Steel Corp.	Allegheny	Up. & Lo. Freeport	78	226'	350'	13°53'	-	Gaseous	-	45	240
Russellton Union Carbide Corp.	Butler	Up. Freeport	54	-	-	-	Drift Gaseous	-	14	108	-
Fawn											
							District Total	-	59	364	-

\* 2,000 pounds

\*\* 3,500 pounds

## District 2

Tesone Coal Co. Nan-Lee	Armstrong	Lo. Kittanning	42	-	-	Drift Nongaseous	-	4	26	-	-
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## District 3

Buckeye Coal Co., The Nemacolin	Greene	Pittsburgh	90	250'	875'	19°	-	70	330	-	7,500	-
United States Steel Corp.	Greene	Pittsburgh	90	454'	-	-	-	-	381	-	2,300	-
Robena No. 1	Greene	Pittsburgh	90	654'	-	-	-	-	50	298	2,000	-
Robena No. 2	Greene	Pittsburgh	90	501'	-	-	-	-	58	315	700	-
Robena No. 3	Greene	Pittsburgh	90	505'	-	-	-	-	40	315	-	-
Robena No. 4	Greene	Pittsburgh	90	112'	470'	18°	-	-	2	95	-	-
Robena Preparation Plant	Greene							-	206	1,404	5,000	-
						District Total	-	276	1,734	-	12,500	-





## District 6

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Depth : Length	Degrees	Pitch : : Pitch	Gaseous or : : Gaseous	Flame : Elec- : : Flame	Open : Safety	Nitrate	Dynamite	Pounds of Explosives Used		
												Number and Type : : : Number and Type	Lamps Used : : : Lamps Used	Other Permissible (Name)
<b>Mathies Coal Co.</b>	<b>Washington</b>	<b>Pittsburgh</b>	66	-	-	Drift	Gaseous	-	115	530	-	-	-	-
<b>Mathies Pittsburgh Coal Co.</b>	<b>Washington</b>	<b>Pittsburgh</b>	60	-	800'	17°	Gaseous	-	145	390	-	-	Monobel*	-
<b>Montour No. 4</b>	<b>Allegheny</b>	<b>Pittsburgh</b>	66	-	-	Drift	Gaseous	-	24	113	-	-	Monobel**	-
<b>Montour No. 10</b>						Total		-	169	503	-	-		-
						District Total		-	284	1,033	-	-		-

### District 7

Bell, Ewing		Pittsburgh	72	-	-	-	Drift	Nongaseous	-	1	2	-	Dupont*
Eclipse													
Bethlehem Mines Corp.		Pittsburgh	69	278'	1,249'	17°	-	Gaseous	-	86	413	-	Gelobel**
Ellsworth No. 51		Pittsburgh	65	305'	1,270'	17°	-	Gaseous	-	98	460	-	(Monobel#)
Somerset No. 60													(Herogel#)
				258'				Total	-	184	873	-	
United States Steel Corp.													
Maple Creek No. 1		Pittsburgh	63	268'	-	-	-	Gaseous	-	50	350	-	500
				259'									
Maple Creek No. 2		Pittsburgh	63	382'	-	-	-	Gaseous	-	66	350	-	150
				251'					-	116	700	-	650
								Total	-			-	
								District Total	-	301	1,575	-	650

## District 8

Company	City	Drift	Nongaseous	6	50
Crescent Hills Coal Co., Inc.	Washington	-	-	-	-
Crescent Hills	Pittsburgh	84	-	-	-

District 8

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening				Number and Type		Pounds of Explosives Used		Other Permissible (Name)	
				Shaft	Slope	Drift	Average	Age	Pitch	Gaseous or	Flame		Electric
			Inches	Depth	Length	Degrees	Drift	Nongaseous	Open	Safety	Drift	Dynamite	
Jones & Laughlin Steel Corp.	Washington	Pittsburgh	70	192'9"	-	-	-	Gaseous	-	36	200	-	Hercogel*
Vesta No. 4				152'7"									
Vesta No. 5	Washington	Pittsburgh	68	463'9"	-	-	-	Gaseous	-	112	493	-	Monobel** Hercogel#
				570'0"									
								Total		148	693		
Republic Steel Corp.	Washington	Pittsburgh	72	656'	-	-	-	Drift	Gaseous	-	45	380	Monobel#
				635'									
				126'									
				113'									
Tremont Mining Co.	Washington	Pittsburgh	96	-	-	-	-	Drift	Nongaseous	-	4	14	-
Vesta No. 4 - No. 1 & 2 Hill													

## District 10

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permissible (Name)
				:Shaft:	:Slope:	:Drift:	:Aver-:	:age:	:Pitch:	:Gaseous or:	:Flame:	:Elec-:	
Inches:	Depth:	Length:	Degrees:	Drift:	Nongaseous:	Open:	Safety:	tric:	Dynamite				
Carpentertown Coal & Coke Co. Mahoning Creek No. 1 Mahoning Creek No. 2	Armstrong	Up. Freeport	36	-	-	Drift Nongaseous	-	16	40	-	-	-	-
		Up. Freeport	36	-	-	Drift Nongaseous	-	12	40	-	-	-	-
						Total	-	28	80	-	-	-	-
Rochester & Pittsburgh Coal Co. Emilie	Armstrong	Up. Freeport	42	-	245', 16°15"	-	Gaseous	-	59	228	-	-	Gelobel*
		Lo. Freeport	58	-	335', 16°15"	-	Gaseous	-	103	522	-	-	Gelobel & Duobel**
Jane	Armstrong	Up. Freeport	46	-	-	Drift Gaseous	-	42	160	-	-	-	-
Margaret	Armstrong	Up. Freeport	46	-	-	Drift Gaseous	-	204	910	-	-	-	-
District Total							-	267	1,130	-	-	-	-

\* 250 pounds

\*\* 55,300 pounds of Gelobel and 4,800 pounds of Duobel.

## District 11

Canterbury Coal Co. David	Armstrong	Thick Freeport	108	-	-	-	Drift Gaseous	-	60	125	-
Kaskan Coal Co. Kaskan No. 2	Armstrong	Mahoning	54	-	120'	25°	Nongaseous	-	2	4	-
Leechburg Mining Co. Foster	Armstrong	Lo. Kittanning	48	-	-	-	Drift Gaseous	-	35	120	-
Loyal Creek Coal Co. Loyal Creek No. 1	Westmoreland	Up. Freeport	42	-	-	-	Drift Nongaseous	-	4	6	-
Parther Coal Co. Gilmur No. 1	Westmoreland	Up. Freeport	44	-	-	-	Drift Nongaseous	-	2	6	-
Penn Allegh Coal Co., Inc. Allegheny No. 2	Allegheny	Up. Freeport	52	-	-	-	Drift Nongaseous	-	29	100	-
Tunnelton Mining Co. Marion	Indiana	Up. Freeport	42	237'	965'	16°	Gaseous	-	55	173	-
District Total							-	-	187	534	-

\* 300 pounds      \*\* 30,000 pounds      # 1,500 pounds





# District 14

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used		
				Shaft :	Slope :	Drift :	Lamps :	Used :	Other :			
				Age :	Pitch :	Drift :	Open :	Flame :	Electric :	Ammonium Nitrate :	Dynamite :	Permissible (Name)
Brocius, Harold E.	Armstrong	Up. Kittanning	54	-	-	-	Drift Nongaseous	-	1	2	-	Austin*
Copper Valley Coal Co.	Indiana	Lo. Freeport	38	-	-	-	Drift Nongaseous	-	4	20	-	-
Copper Valley No. 6	Indiana	Up. Freeport	40	-	-	-	Drift Nongaseous	-	1	2	-	50
Davis, Claire J.	Jefferson	Lo. Freeport	36	-	-	-	Drift Nongaseous	-	-	7	-	-
Doverspike Bros., Inc.	Indiana	Lo. Kittanning	40	-	-	-	Drift Nongaseous	-	-	18	-	-
Ringgold							Total	-	-	25	-	-
Sugarcamp												
Fairview Coal Co.	Jefferson	Lo. Freeport	30	-	-	-	Drift Nongaseous	-	-	8	-	1,700 Dupont
Fairview No. 5	Armstrong	Lo. Kittanning	32	-	-	-	Drift Nongaseous	-	-	6	-	-
Harmon Coal Co.	Jefferson	Lo. Freeport	34	-	-	-	Drift Nongaseous	-	2	6	-	-
Harmon No. 2	Jefferson	Lo. Freeport	60	-	-	-	Drift Nongaseous	-	3	10	-	-
Kennedy Coal Co.	Indiana	Lo. Freeport	36	-	-	-	Drift Nongaseous	-	2	4	-	2,200
Kennedy No. 4												
Kniseley Coal Co.												
Kniseley No. 10												
Kraynak Coal Co.												
Kraynak No. 3												
District Total										13	83	3,950

\* 250 pounds

# District 15

Chestnut Ridge Mining Co.	Indiana	Lo. Kittanning	38	-	-	-	Drift Nongaseous	-	3	10	-	-
Chestnut Ridge No. 1	Indiana	Lo. Freeport	30	-	-	-	Drift Nongaseous	-	-	10	-	-
Crooked Creek Coal Co.	Indiana	Lo. Kittanning	36	-	-	-	Drift Nongaseous	-	5	30	-	-
Kerry No. 1	Indiana	Lo. Kittanning	48	-	-	-	Drift Nongaseous	-	3	15	-	-
Dixon Run Coal Co.							Total	-	8	45	-	-
Dixon Run No. 3												
Dixon Run No. 5												
F P & K Coal Co.	Indiana	Lo. Freeport	36	-	-	-	Drift Nongaseous	-	2	3	-	750
Moros												

## District 15

County	Operators and Mines	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		
				: Shaft	: Slope	: Drift	: Lamps	: Used	: Other	: Permissible	: Dynamite	: (Name)
				: :								

**\*\* 3,025 pounds**

District 16

Locality	Latitude	Longitude	Drift	Drift Nongaseous	Drift Gaseous	Drift Total
Florence Mining Co., The Dias Florence No. 1 - (Robinson Portal)	40° 12' N	121° 12' W	162° 0'	15	35	500
Florence No. 2	55° 12' N	132° 53' W	6° 0'	146	155	2,200
North American Coal Corp., The Conemaugh No. 1	60° 00' N	200° 1,000' W	14° 0'	32	169	5,644
District Total				173	739	8,344

## District 17

	Kepart	Mid. Kittanning	32	-	-	-	-	Drift Nongaseous	-	8	55	Hercules*	-
Associated Drilling Co., Inc.													

## District 17

Operators and Mines		County	Kind of Opening		Number and Type		Pounds of Explosives Used	
			Shaft:	Slope	Drift:	Lamps Used		
Geological Name of Coal Bed	Height of Seam in Inches		Age	Pitch	Casseous or: Drift: Degrees	Flame: Elec-: Open: Safety:	Ammonium Nitrate	Other Permissible Dynamite (Name)
Elliot Coal Mining Co., Inc.								
Rosemary	72	Clearfield	-	-	Drift Nongaseous	-	-	-
North Cambria Fuel Co.								
Hastings No. 7	60	Cambria	-	-	Drift Nongaseous	9	40	-
North Camp Mining Co.								
North Camp No. 3	36	Clearfield	-	-	Drift Nongaseous	3	12	-
Rushton Mining Co.								
Rushton	60	Centre	230'	610'	16° - Nongaseous	48	186	15,450
Wittig, Arthur								
Fall Mine No. 1	48-60	Bradford	-	350'	Drift Nongaseous	1	-	-
District Total						1	69	293
								15,450

## District 18

	Cambria	Lo. Kittanning	44	-	1,600'	25° -	Gaseous	-	72	255	-	Dupont**
	Cambria	Lo. Freeport	42	-	800'	25° -	Gaseous	-	83	306	-	Dupont**
	Cambria	Lo. Freeport	44	-	-	-	Drift Gaseous	-	90	327	-	Dupont***
							Total	-	245	888	-	
Barnes & Tucker Co. Lancashire No. 24B Lancashire No. 24D Lancashire No. 25												
Garay Coal Co. Sterling No. 9 Hillsdale Mining Co. Hilldale No. 1 Sponsky, William F. Sponsky No. 1	Cambria	Lo. Kittanning	38	-	-	-	Drift Nongaseous	-	2	4	-	Dupont#
	Cambria	Mid. Kittanning	40	-	-	-	Drift Nongaseous	-	-	11	-	-
	Cambria	Lo. Freeport	42	-	-	-	Drift Nongaseous	-	1	2	-	Dupont##
		District Total		-				-	248	905	-	-

District 19

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches:Depth	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permissible (Name)	
					Shaft	Slope	Drift	Aver	age	Pitch	Gaseous or	Flame	Elec		Ammonium Nitrate
Bethlehem Mines Corp.	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	70	450	-	Hercogel*	
Eastern Associated Coal Corp. Colver "B" Greenwich Collieries Co.	Cambria	Lo. Kittanning	42	-	-	-	-	-	-	-	48	392	-	450	
Starford Coal Corp. Oak Hill	Cambria	Lo. Freeport	42	-	-	-	-	-	-	-	94	430	-	Gelobel & Monobel** Gelobel#	
		District Total												450	

District 20

Bethlehem Mines Corp.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</
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# District 21

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used		
				Shaft :	Slope :	Drift :	Lamps Used :	Flame :	Electric :	Ammonium Nitrate :	Dynamite :	Other Permissible :
				Age :	Pitch :	Caseous or :	Open :	Safety :	Tric :			(Name)
Bethlehem Mines Corp. Ehrenfeld No. 38 Solomon Run No. 73	Cambria	Lo. Freeport Up. Kittanning	48 250' 43 -	-	-	Drift Gaseous -	43 160	-	-	-	-	Hercogel*
						Drift Nongaseous -	15 85	-	-	-	-	Hercogel**
						Total	58 245	-	-	-	-	
Harmony Mining Co. Harmony No. 1 Island Creek Coal Co. Bird No. 2 Bird No. 3	Cambria	Lo. Freeport	40 -	-	-	Drift Nongaseous -	2 8	-	-	-	-	Monobel***
	Somerset	Up. Kittanning	60 -	-	-	Drift Gaseous -	51 171	-	-	-	-	Monobel#
	Cambria	Lo. Kittanning	42 -	520'	14° -	Gaseous -	52 171	-	-	-	-	Monobel##
						Total	103 342	-	-	-	-	
Jandy Coal Co., Inc. Eureka No. 40 Longwall Mining, Inc. No. 1	Cambria	Up. Kittanning	72 250' -	-	-	Drift Gaseous -	16 97	-	-	-	-	Monobel###
	Cambria	Up. Kittanning	50 -	-	-	Drift Nongaseous -	- 50	-	-	-	-	-
						District Total	- 179 742	-	-	-	-	

\* 5,600 pounds  
# 350 pounds  
\*\* 700 pounds  
## 650 pounds  
\*\*\* 600 pounds  
### 50 pounds

# District 22

Barton Coal Co. Figard No. 3 Bloom, Jr., Ralph Bloom No. 1 Cairnbrook Coal Co., Inc. Cairnbrook No. 9 Country Club Coal Co. Country Club No. 6 Country Club No. 7	Bedford	Up. Freeport	46 -	-	-	Drift Nongaseous -	1 3	-	-	-	-	American 7*
	Somerset	Up. Kittanning	42 -	-	-	Drift Nongaseous 1 -	-	-	-	-	-	Atlas**
	Somerset	Up. Kittanning	35 -	-	-	Drift Nongaseous -	6 30	-	-	-	-	-
	Somerset	Up. Kittanning	39 -	-	-	Drift Nongaseous -	3 18	-	-	-	-	Atlas***
	Somerset	Up. Kittanning	50 -	-	-	Drift Nongaseous -	4 20	-	-	-	-	Atlas#
						Total	7 38	-	-	-	-	
Grela Coal Co. Grela Hiysota Fuel Co., Inc. Ralphon No. 1	Somerset	Up. Kittanning	36 -	-	-	Drift Nongaseous -	1 2	-	-	-	-	R-5 Powder
	Somerset	Up. Freeport	42 -	-	-	Drift Nongaseous -	2 9	-	-	-	-	Atlas##

District 22

Operators and Mines		County	Geological Name of Coal Bed	Height of Seam	Inches	Depth	Kind of Opening		Number and Type		Pounds of Explosives Used	
							Shaft	Slope	Drift	Lamps Used	Other	Permissible
							Average	Pitch	Gaseous or Drift	Flame	Electric	Ammonium Nitrate
								Degrees	Nongaseous	Open	Safety	Dynamite
J R Sales, Inc.												
East Windber No. 4	Somerset		Lo. Kittanning	40	-	-	-	-	Drift Gaseous	-	5	30
Shade No. 1	Somerset		Up. Kittanning	36	-	-	-	-	Drift Nongaseous	-	6	60
									Total	-	11	90
J T Coal Co.												
J T No. 2	Somerset		Mid. Kittanning	42	-	-	-	-	Drift Nongaseous	-	3	20
Manion Coal Co., Inc.												
Manion No. 1	Somerset		Up. Kittanning	42	-	-	-	-	Drift Nongaseous	-	3	12
Potochar & Potochar Coal Co.												Atlas###
Potochar No. 2	Somerset		Up. Kittanning	40	-	-	-	-	Drift Nongaseous	-	2	3
Richland Coal Corp.												Atlas@
Eureka No. 35 Lower	Somerset		Miller "B"	42	-	-	-	-	Drift Nongaseous	-	1	4
Shade Valley Coal Co.												Atlas@@
Reitz No. 5	Somerset		Up. Kittanning	36	-	-	-	-	Drift Nongaseous	-	3	18
Solar Fuel Co.												Hercules@@@
Solar No. 3	Somerset		Up. Kittanning	36	-	-	-	-	Drift Nongaseous	-	8	28
Solar No. 5	Somerset		Up. Freeport	48	-	-	-	-	Drift Nongaseous	-	12	62
									Total	-	20	90
			District Total							1	60	319

\* 200 pounds  
# 5,100 pounds  
@ 1,500 pounds

\*\* 46 pounds  
## 100 pounds  
@@ 200 pounds

\*\*\* 4,900 pounds  
### 900 pounds  
@@@ 1,300 pounds

District 23

Delta Mining, Inc.								
Delta No. 1		Somerset	72	-	Drift Nongaseous	-	9	75
G. M. & W. Coal Co., Inc.								
Grove No. 1		Somerset	72	-	6° - Nongaseous	-	15	73
Petrosky, Victor								5,000
Petrosky		Westmoreland	66	-	6° - Nongaseous	-	-	1
Spewock, Theodore								100
Clark Hollow		Westmoreland	48	-	1° - Nongaseous	-	2	2
Trent, Bruce W.								Atlas*
Trent No. 1		Somerset	32	-	Drift Nongaseous	-	2	-
								Austin**



## District 26

Operators and Mines	County	Geological Name of Coal Bed	Height: of Seam Inches	Kind of Opening			Gaseous or Non-gaseous	Number and Type			Pounds of Explosives Used		
				:Shaft:	:Slope	:Drift:		:Lamps	:Type	:Ammonium Nitrate	:Dynamite	:Other Permis- sible (Name)	
Bethlehem Mines Corp. Marianna No. 58 Gateway Coal Co.	Washington	Pittsburgh	68	460'	564'	- -	Gaseous	-	100	452	-	-	-
				133'									
				467'									
Gateway	Greene	Pittsburgh	70	487'	-	- -	Gaseous	-	169	548	-	-	Hercogel*
				556'									
Peggs Run Coal Co., Inc. Peggs Run No. 2 Pittsburgh Coal Co. Westland	Beaver	Up. Freeport	48	-	-	-	Drift Non-gaseous	-	10	55	-	-	Austin**
				559' 1/4"									
				487'									
Washington	Washington	Pittsburgh	60	-	-	-	Drift Gaseous	-	85	267	-	-	-
			District Total								-	364	1,322

* 5,100 pounds	** 16,200 pounds
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\* 5,100 pounds \*\* 16,200 pounds

## District 30

Allegheny Mineral Corp. Strip Permit No. 571-2 Strip Permit No. 571-3	Butler	Lo. Kittanning Lo. Kittanning	24	-	-	-	-	-	-	-	17,475	7,230	-
			13	-	-	-	-	-	-	-	505,535	53,630	-
									Total		523,010	60,860	-
Ambrosia Coal & Construction Co., The Strip Permit No. 103-6 B & D Coal Co.	Mercer	Brookville	36	-	-	-	-	-	-	-	-	-	-
			34	-	-	-	-	-	-	-	62,800	14,300	-
B & G Construction Co., Inc. Strip Permit No. 25-9 Black Fox Mining & Development Corp.	Butler	Up. Freeport	45	-	-	-	-	-	-	-	120,000	-	-
			42	-	-	-	-	-	-	-	1,250	625	-
Strip Permit No. 289-8 Strip Permit No. 289-9 Strip Permit No. 289-10	Butler	Up. Kittanning	32	-	-	-	-	-	-	-	1,030	515	-
			36	-	-	-	-	-	-	-	1,120	505	-
			34	-	-	-	-	-	-	-	1,100	550	-
Strip Permit No. 289-13 Strip Permit No. 289-14	Butler	Up. Kittanning	33	-	-	-	-	-	-	-	1,030	515	-
									Total		5,530	2,710	-



## District 30

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam in Inches	Depth: Length	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permissible (Name)
					Shaft:	Slope	Drift:	Lamps Used	:	:	Flame:	Electric:	Ammonium Nitrate	
					Average	Pitch								
DeMarsh, Theodore														
Strip Permit No. 62-12	Butler	Mid. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 62-13	Butler	Brookville	13	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 62-14	Butler	Mid. Kittanning	36	-	-	-	-	-	-	-	-	-	164,000	2,400
													164,000	2,400
Grove City Construction Co.														
Strip Permit No. 122-9	Butler	Brookville	32	-	-	-	-	-	-	-	-	-	29,700	2,450
Grove City Limestone Co.														
Strip Permit No. 483-3	Butler	Brookville	32	-	-	-	-	-	-	-	-	-	19,000	1,800
Kerry Coal Co.														
Strip Permit No. 41-20	Butler	Mid. Kittanning	34	-	-	-	-	-	-	-	-	-	146,500	1,191
Strip Permit No. 41-26	Butler	Mid. Kittanning	32	-	-	-	-	-	-	-	-	-	515,000	6,268
Strip Permit No. 41-28	Butler	Mid. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 41-29	Butler	Mid. Kittanning	36	-	-	-	-	-	-	-	-	-	5,000	60
Strip Permit No. 41-30	Butler	Lo. Freeport	24	-	-	-	-	-	-	-	-	-	263,250	3,215
Strip Permit No. 41-32	Butler	Mid. Kittanning	32	-	-	-	-	-	-	-	-	-	21,000	120
Auger - BAM-482A1, 532, 555 & 567	Butler	Mid. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-
Auger - BAM-554	Butler	Lo. Freeport	32	-	-	-	-	-	-	-	-	-	950,750	10,854
Lucas Coal Co.														
Strip Permit No. 174-5A	Butler	Lo. Kittanning	26	-	-	-	-	-	-	-	-	-	160,000	2,800
Strip Permit No. 174-7	Butler	Lo. Kittanning	26	-	-	-	-	-	-	-	-	-	40,000	1,000
Strip Permit No. 174-11	Butler	Clarion	50	-	-	-	-	-	-	-	-	-	210,000	3,400
Auger - BAM-550	Butler	Lo. Kittanning	26	-	-	-	-	-	-	-	-	-	410,000	7,200
Mathieson Coal Co., T. B.														
Strip Permit No. 208-8	Butler	Up. Freeport	36	-	-	-	-	-	-	-	-	-	24,425	384
Miller & McKnight Coal Co.														
Strip Permit No. 240-12	Butler	Mid. Kittanning	37	-	-	-	-	-	-	-	-	-	450,000	1,000
Strip Permit No. 240-13	Merger	Brookville	54	-	-	-	-	-	-	-	-	-	-	-
Auger - BAM-581	Butler	Mid. Kittanning	37	-	-	-	-	-	-	-	-	-	450,000	1,000
Nastasi, James														
Strip Permit No. 645-1	Butler	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-
Perry-Ross Coal Co.														
Strip Permit Nos. 72-12 & 13	Merger	Brookville	36	-	-	-	-	-	-	-	-	-	-	-
Sechan Limestone Industries, Inc.														
Strip Permit No. 588-2	Butler	Mid. Kittanning	36	-	-	-	-	-	-	-	-	-	-	-



# District 31

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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# District 32

Bologna Mining Co.	Washington	Strip Permit No. 248-12	38	-	-	-	-	-	-	4,000	50	-
		Strip Permit No. 248-13	42	-	-	-	-	-	-	-	-	-
		Strip Permit No. 248-14	42	-	-	-	-	-	-	-	-	-
Washington	Washington	Strip Permit No. 248-15	42	-	-	-	-	-	-	-	-	-
		Strip Permit No. 248-16	42	-	-	-	-	-	-	80,000	1,000	-
		Strip Permit No. 248-17	42	-	-	-	-	-	-	60,000	750	-





## District 32

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used :		
				: Shaft :	: Slope :	: Drift :	: Lamps :	: Used :	: Type :	: Other :	: Permissible :	: Dynamite (Name) :
				: Depth :	: Length :	: Degrees :	: Gaseous or :	: Flame :	: Elec- :	: Ammonium :		
				: Open :	: Safety :	: tric :						
<b>Mark IV Coal Co.</b>	<b>Greene</b>	<b>Redstone</b>	<b>42</b>	-	-	-	-	-	-	-	-	<b>Austin</b>
Strip Permit No. 1074-1												
<b>Midway Coal Co.</b>	<b>Washington</b>	<b>Pittsburgh</b>	<b>48-60</b>	-	-	-	-	-	-	<b>846,700</b>	-	<b>Gianite***</b>
Strip Permit No. 1049-1												
<b>NAT Industries, Inc.</b>	<b>Washington</b>	<b>Waynesburg</b>	<b>48</b>	-	-	-	-	-	-	-	-	-
Strip Permit No. 582-1										<b>96,000</b>	<b>44,000</b>	-
Strip Permit No. 582-2	<b>Washington</b>	<b>Waynesburg</b>	<b>48</b>	-	-	-	-	-	-	<b>46,000</b>	<b>22,000</b>	-
Strip Permit No. 582-3	<b>Washington</b>	<b>Waynesburg</b>	<b>48</b>	-	-	-	-	-	-	<b>442,000</b>	<b>66,000</b>	-
								<b>Total</b>				
<b>Pennesir Construction Co.</b>	<b>Washington</b>	<b>Pittsburgh</b>	<b>54</b>	-	-	-	-	-	-	<b>81,575</b>	<b>23,400</b>	-
Strip Permit No. 173-14										<b>1,141,802</b>	<b>327,700</b>	-
Strip Permit No. 173-15	<b>Washington</b>	<b>Pittsburgh</b>	<b>54</b>	-	-	-	-	-	-	<b>215,475</b>	<b>61,811</b>	-
Strip Permit No. 173-16	<b>Washington</b>	<b>Pittsburgh</b>	<b>54</b>	-	-	-	-	-	-	<b>125,661</b>	<b>36,047</b>	-
Strip Permit No. 173-17	<b>Washington</b>	<b>Pittsburgh</b>	<b>54</b>	-	-	-	-	-	-	<b>774,747</b>	<b>222,241</b>	-
Strip Permit No. 173-19	<b>Washington</b>	<b>Pittsburgh</b>	<b>54</b>	-	-	-	-	-	-	<b>2,339,260</b>	<b>671,199</b>	-
								<b>Total</b>				
<b>Petricca Coal Co.</b>	<b>Washington</b>	<b>Pittsburgh</b>	<b>60</b>	-	-	-	-	-	-	<b>239,933</b>	<b>4,505</b>	-
Strip Permit No. 480-1												
<b>Pontorero &amp; Sons Coal Co., Inc.</b>	<b>Greene</b>	<b>Waynesburg</b>	<b>72</b>	-	-	-	-	-	-	-	-	-
Strip Permit No. 237-8												
<b>Prots Bros. Coal Co.</b>	<b>Washington</b>	<b>Redstone</b>	<b>42</b>	-	-	-	-	-	-	-	-	-
Strip Permit No. 469-1												
<b>Rostovsky Coal Co., Joseph</b>	<b>Washington</b>	<b>Waynesburg</b>	<b>50</b>	-	-	-	-	-	-	-	-	-
Strip Permit No. 334-3(C)												
<b>Rosini's, Inc.</b>	<b>Washington</b>	<b>Pittsburgh</b>	<b>62</b>	-	-	-	-	-	-	<b>21,300</b>	<b>1,100</b>	-
Strip Permit No. 568-3												
<b>Sang Coal Co.</b>	<b>Greene</b>	<b>Waynesburg</b>	<b>60</b>	-	-	-	-	-	-	<b>204,463</b>	<b>5,012</b>	-
Strip Permit No. 552-2										<b>10,000</b>	<b>1,000</b>	-
Strip Permit No. 552-3	<b>Greene</b>	<b>Waynesburg</b>	<b>60</b>	-	-	-	-	-	-	<b>244,463</b>	<b>6,012</b>	-
								<b>Total</b>				
<b>Stefkovich Brothers</b>	<b>Washington</b>	<b>Pittsburgh</b>	<b>54</b>	-	-	-	-	-	-	-	-	-
Strip Permit No. 140-2(C)												
<b>Tremont Mining Co.</b>	<b>Washington</b>	<b>Pittsburgh</b>	<b>96</b>	-	-	-	-	-	-	-	<b>4,350</b>	-
Strip Permit No. 557-1												
<b>Twilight Industries</b>	<b>Washington</b>	<b>Waynesburg</b>	<b>38</b>	-	-	-	-	-	-	<b>83,898</b>	-	-
Strip Permit No. 1-24										<b>40,878</b>	-	-
Strip Permit No. 1-29	<b>Washington</b>	<b>Waynesburg</b>	<b>38</b>	-	-	-	-	-	-	<b>56,256</b>	-	-
Strip Permit No. 1-38A	<b>Washington</b>	<b>Waynesburg</b>	<b>38</b>	-	-	-	-	-	-	<b>128,342</b>	-	-
Strip Permit No. 1-40	<b>Washington</b>	<b>Waynesburg</b>	<b>38</b>	-	-	-	-	-	-			

District 32

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening				Number and Type				Pounds of Explosives Used			
				Shaft	Slope	Drift	Aver- age	Pitch	Gaseous or : Nongaseous	Open : Safety	Elec- tric	Ammonium Nitrate	Dynamite	Other Permis- sible (Name)	
Twilight Industries (Continued)															
Strip Permit No. 1-44	Washington	Waynesburg	38	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1-45	Washington	Waynesburg	38	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1-47	Washington	Waynesburg	38	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1-51	Washington	Waynesburg	38	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 1-52	Greene	Waynesburg	60	-	-	-	-	-	-	-	-	-	-	-	-
										Total					
West Penn Coal & Construction															
Strip Permit No. 581-5	Greene	Waynesburg	48	-	-	-	-	-	-	-	-	-	-	91,515	3,943

\* 28,850 pounds      \*\* 25,950 pounds      \*\*\* 51,690 pounds

District 33

Bartoni Coal Co.												
Strip Permit No. 410-7	Fayette	-	-	-	42	-	-	-	-	-	-	-
Strip Permit No. 410-7(A2)	Fayette	-	-	-	36	-	-	-	-	-	-	-
Strip Permit No. 410-8	Fayette	-	-	-	72	-	-	-	-	-	-	-
Betty Louise Coal Co.												
Strip Permit No. 993-1	Fayette	-	-	-	84	-	-	-	-	-	-	-
Strip Permit Nos. 993-2&3	Fayette	-	-	-	42	-	-	-	-	-	-	-
								Total		66,500	1,400	-
Borts Coal Co.										66,500	1,400	-
Strip Permit No. 456-6&6A	Fayette	-	-	-	36	-	-	-	-	15,000	-	-
Strip Permit No. 456-7	Fayette	-	-	-	36	-	-	-	-	10,000	-	-
								Total		25,000	-	-
Buncic, John												
Strip Permit No. 636-2	Fayette	-	-	-	36	-	-	-	-	-	-	-
Carbonara, Carl												
Strip Permit No. 550-4	Fayette	-	-	-	24	-	-	-	-	-	-	-
Chess Coal Co.												
Strip Permit No. 576-2	Fayette	-	-	-	60	-	-	-	-	-	-	-
Filiaggi Coal Co.												
Strip Permit No. 178-9	Fayette	-	-	-	60	-	-	-	-	913,387	18,038	-
Frycke & Nole Coal Co.												
Strip Permit No. 242-7	Fayette	-	-	-	30	-	-	-	-	-	-	-

# District 33

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used		
				Shaft :	Slope :	Drift :	Lamps :	Used :	Other :	Permissible :	Dynamite :	(Name)
				Age :	Pitch :	Gaseous or :	Flame :	Elec :	Ammonium	Nitrate		
				Length :	Degrees :	Drift :	Open :	Safety :	tric :			
Genovese Coal Co.	Fayette	Waynesburg	60	-	-	-	-	-	-	900,000	-	-
Strip Permit No. 244-18	Fayette	Redstone	38	-	-	-	-	-	-	1,000,000	-	-
Strip Permit No. 244-21	Fayette	Lo. Kittanning	42	-	-	-	-	-	-	170,000	-	-
Strip Permit No. 244-23	Fayette	Redstone	38	-	-	-	-	-	-	60,000	-	-
Strip Permit No. 244-24	Fayette			-	-	-	-	-	-	2,130,000	-	-
Green, Inc., Walter	Fayette	Up. Kittanning	27	-	-	-	-	-	-	12,000	200	-
Strip Permit No. 250-6(C)	Fayette	Up. Freeport	58	-	-	-	-	-	-	-	-	-
	Fayette	Lo. Freeport	28	-	-	-	-	-	-	-	-	-
Auger - BAM-243	Fayette	Up. & Lo. Freeport	56-28	-	-	-	-	-	-	12,000	200	-
Harbison-Walker Refractories Co.	Fayette	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-
Strip Permit No. 266-3	Fayette	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Hibbs & Myers Coal Co.	Fayette	Sewickley	60	-	-	-	-	-	-	-	-	-
Strip Permit No. 833-1, 1A & 2	Fayette	Pittsburgh	96	-	-	-	-	-	-	200	200	-
Hall, William L.	Fayette	Lo. Kittanning	96	-	-	-	-	-	-	5,000	1,100	-
Strip Permit No. 457-2	Fayette	Pittsburgh	72	-	-	-	-	-	-	-	-	-
Hustosky, John	Fayette	Redstone	36	-	-	-	-	-	-	-	-	-
Strip Permit No. 398-2	Fayette	Waynesburg	48	-	-	-	-	-	-	3,766,630	91,920	-
Kaiser Refractories	Fayette	Redstone	36	-	-	-	-	-	-	1,040,000	2,250	-
Strip Permit No. 390-1	Fayette	Pittsburgh	84	-	-	-	-	-	-	-	-	-
Kelley Enterprises, Inc.	Fayette	Redstone	28	-	-	-	-	-	-	19,200	300	-
Strip Permit No. 623-4	Fayette	Redstone	28	-	-	-	-	-	-	-	-	-
Krulock, Steve	Fayette			-	-	-	-	-	-	19,200	300	-
Strip Permit No. 345-2	Fayette			-	-	-	-	-	-	-	-	-
Luzerne Coal Co.	Fayette			-	-	-	-	-	-	-	-	-
Strip Permit Nos. 750-2, 4, 7, 8, 9, 10, 12, 15 & 16	Fayette			-	-	-	-	-	-	-	-	-
Menallen Coke Co.	Fayette			-	-	-	-	-	-	-	-	-
Strip Permit Nos. 281-2 & 6	Fayette			-	-	-	-	-	-	-	-	-
Michael Coal Co.	Fayette			-	-	-	-	-	-	-	-	-
Strip Permit Nos. 658-1, 2 & 3	Fayette			-	-	-	-	-	-	-	-	-
Oak Run Coal, Inc.	Fayette			-	-	-	-	-	-	-	-	-
Strip Permit Nos. 863-1 & 3	Fayette			-	-	-	-	-	-	-	-	-
Strip Permit No. 863-5	Fayette			-	-	-	-	-	-	-	-	-
Ovitsky, Anthony B.	Fayette			-	-	-	-	-	-	-	-	-
Strip Permit No. 531-1A	Fayette	Miller "B"	42	-	-	-	-	-	-	16,000	-	-





## District 33

[illegible]

## District 34

Company	Permit No.	County	Location	Acres	Value	Notes
Aloe Coal Co.	Strip Permit Nos. 35-2, 2A, 4, 4A & 5	Allegheny	Pittsburgh	48-60	3,160,700	Giantite
Altire Bros. Coal Co., Inc.	Strip Permit No. 29-17	Westmoreland	Pittsburgh	76	5,240	650
Ankeny, Donald	Strip Permit No. 287-5	Westmoreland	Pittsburgh	96	-	-
Ansell, Earl	Strip Permit No. 288-1	Westmoreland	Redstone	50	5,000	300
Apex Co., Inc.	Strip Permit No. 497-3(A)	Allegheny	Redstone	40	-	-
Bridge Coal Co., Inc.	Strip Permit No. 497-4	Allegheny	Pittsburgh	60	-	-
Brown Coal Co., Inc., C. W.	Strip Permit Nos. 481-2 & 3	Westmoreland	Redstone	44	39,100	1,100
Dunkard Creek Coal, Inc.	Strip Permit No. 273-3A	Westmoreland	Pittsburgh	96	45,675	2,865
Eidemiller, Inc., Adam	Strip Permit No. 273-4	Westmoreland	Up. Freeport	36	14,200	3,315
Diamond Fuel Co.	Strip Permit No. 555-1	Allegheny	Pittsburgh	62	-	-
Dunkard Creek Coal, Inc.	Strip Permit No. 939-1	Westmoreland	Lo. Kittanning	48	-	85,630
Eidemiller, Inc., Adam	Strip Permit No. 578-1	Westmoreland	Up. Freeport	30	-	-
Eidemiller, Inc., Adam	Strip Permit No. 578-2	Westmoreland	Pittsburgh	60	-	-
<b>Total</b>					<b>59,875</b>	<b>6,180</b>









District 35

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches:Depth	Kind of Opening				Number and Type				Pounds of Explosives Used		
					:Shaft:	:Slope	:Drift:	:Aver-:age	:Pitch	:Gaseous or:Drift:Nongaseous:Open:Safety:Electric	:Flame:Elec-:Ammonium Nitrate	:Dynamite (Name)	Other Permissible		
Harman Co., Inc., Paul C. (Continued)															
Strip Permit No. 322-13	Armstrong	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 322-15	Armstrong	Up. Freeport	40	-	-	-	-	-	-	-	-	457,209	4,956	-	
											Total	457,209	4,956	-	
Harmon Coal Co.															
Strip Permit No. 514-6	Armstrong	Lo. Kittanning	32	-	-	-	-	-	-	-	-	200,000	1,300	-	
Strip Permit No. 514-9	Armstrong	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 514-10	Armstrong	Lo. Kittanning	32	-	-	-	-	-	-	-	-	177,000	1,000	-	
Strip Permit No. 514-13	Armstrong	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-	
Auger - BAM-469, 494, 574	Armstrong	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-	
											Total	377,000	2,300	-	
Houser, Earl O.															
Strip Permit No. 163-1	Armstrong	Up. Freeport	46	-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 163-2	Armstrong	Up. Freeport	46	-	-	-	-	-	-	-	-	-	-	-	
Auger - BAM-422	Armstrong	Up. Freeport	46	-	-	-	-	-	-	-	-	-	-	-	
Houser Coal Co., Inc., Walter L.															
Strip Permit No. 564-4	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 564-6	Armstrong	Up. Freeport	36	-	-	-	-	-	-	-	-	80,000	4,000	-	
											Total	80,000	4,000	-	
Huff Coal Co.															
Strip Permit No. 318-4	Armstrong	Mid. Kittanning	26	-	-	-	-	-	-	-	-	-	-	-	
L & E Construction & Equipment Co., Inc.															
Strip Permit No. 26-10	Armstrong	Up. Freeport	45	-	-	-	-	-	-	-	-	50,000	-	-	
Manor Minerals, Inc.															
Strip Permit No. 333-4	Armstrong	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 333-5	Armstrong	Up. Freeport	48	-	-	-	-	-	-	-	-	52,400	17,270	-	
Strip Permit No. 333-6	Armstrong	Lo. Kittanning	32	-	-	-	-	-	-	-	-	24,250	17,070	-	
											Total	76,650	34,340	-	
Markle-Bullers Coal Co.															
Strip Permit No. 504-11	Armstrong	Lo. Freeport	72	-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 504-15	Armstrong	Lo. Kittanning	35	-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 504-25	Armstrong	Up. & Lo. Kitt.	32	-	-	-	-	-	-	-	-	150,860	45,675	-	
Strip Permit No. 504-27	Armstrong	Lo. Kittanning	36	-	-	-	-	-	-	-	-	75,550	22,575	-	
											Total	226,410	68,250	-	
Martin Coal Co., James															
Strip Permit No. 419-3	Armstrong	Up. Kittanning	20	-	-	-	-	-	-	-	-	-	-	-	
Strip Permit No. 419-4	Armstrong	Mid. Kittanning	30	-	-	-	-	-	-	-	-	28,314	500	-	
Strip Permit No. 419-5	Armstrong	Mid. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-	
Auger - BAM-568	Armstrong	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-	
											Total	28,314	500	-	

District 35

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permissible (Name)
				Shaft:	Slope	Drift:	Lamps	Used		Ammonium Nitrate	Dynamite		
				Height of Seam	Age	Pitch	Gaseous or	Flame	Elec				
				Inches	Depth	Length	Degrees	Drift	Nongaseous	Open	Safety	tric	
McIntire Coal Co.													
Strip Permit No. 638-1	Armstrong	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-
Morchesky Trucking & Excavating Co.													
Strip Permit No. 643-1	Armstrong	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-
Nicholson Run Coal Co.													
Strip Permit No. 586-2	Armstrong	Up. Freeport	36	-	-	-	-	-	-	133,600	5,700	-	-
Strip Permit No. 586-3	Armstrong	Up. Freeport	36	-	-	-	-	-	-	287,760	12,310	-	-
Strip Permit No. 586-4	Armstrong	Up. Freeport	36	-	-	-	-	-	-	606,360	25,945	-	-
										Total	1,027,720	43,955	-
North Cambria Fuel Co.													
Strip Permit No. 10-31	Armstrong	Pittsburgh	12	-	-	-	-	-	-	41,036	-	-	-
P & L Coal Co., Inc.													
Strip Permit No. 115-3	Armstrong	Lo. Freeport	40	-	-	-	-	-	-	-	122,500	-	-
Strip Permit No. 115-4	Armstrong	Summit	48	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 115-5	Armstrong	Lo. Freeport	45	-	-	-	-	-	-	-	-	-	-
										Total	-	122,500	-
R & R Coal Co.													
Strip Permit No. 579-2	Armstrong	Mahoning	40	-	-	-	-	-	-	188,430	2,243	-	-
Auger - BAM-572	Armstrong	Mahoning	40	-	-	-	-	-	-	-	-	-	-
										Total	188,430	2,243	-
Reddinger, Terry													
Strip Permit No. 314-10	Armstrong	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 314-12	Armstrong	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 314-15	Armstrong	Up. Freeport	32	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 314-17	Armstrong	Mid. Kittanning	24	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 314-19	Armstrong	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-
Rob Coal Co.													
Strip Permit No. 542-3	Armstrong	Up. Freeport	42	-	-	-	-	-	-	100,000	-	-	-
Strip Permit No. 542-4	Armstrong	Up. Freeport	42	-	-	-	-	-	-	40,000	-	-	-
										Total	140,000	-	-
Robin Coal Co.													
Strip Permit No. 556-2	Armstrong	Up. Freeport	35	-	-	-	-	-	-	706,750	32,830	-	-
Auger - BAM-546	Armstrong	Up. Freeport	35	-	-	-	-	-	-	-	-	-	-
										Total	706,750	32,830	-
Rochester & Pittsburgh Coal Co.													
Strip Permit No. 482-5	Armstrong	Pittsburgh	144	-	-	-	-	-	-	1,238,067	123,209	-	-
Strip Permit No. 482-7(C)	Armstrong	Up. Freeport	40	-	-	-	-	-	-	237,825	72,576	-	-
Strip Permit No. 482-8	Armstrong	Pittsburgh	144	-	-	-	-	-	-	696,900	7,250	-	-
Auger - BAM-480	Armstrong	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-
										Total	2,172,792	203,035	-

# District 35

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening			Number and Type			Pounds of Explosives Used	Other Permissible (Name)
				Shaft	Slope	Drift	Lamps	Used	Type		
				Height of Seam : Inches	Average : Pitch : Degrees	Length : Drift : Nongaseous : Open : Safety : Electric : Nitrate	Flame : Electric : Nitrate	Flame : Electric : Nitrate	Flame : Electric : Nitrate	Flame : Electric : Nitrate	Flame : Electric : Nitrate
S & S Coal Co., Inc. Strip Permit No. 577-1 Smith, J. Marie Strip Permit No. 226-3 State Industries, Inc. Strip Permit No. 435-10 Strip Permit No. 435-11	Armstrong Armstrong Armstrong Armstrong	Pittsburgh Pittsburgh Lo. Freeport Mid. & Up. Kitt.	72 72 45 32-36	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	72,500 36,000 121,680 124,055 215,735	- - 41,066 41,270 82,336
Total											-
Toy, Edwin W. Strip Permit No. 81-16 Strip Permit No. 81-16A Strip Permit No. 81-19 Strip Permit No. 81-20 West Freedom Mining Corp. Strip Permit No. 68-21 Strip Permit No. 68-23 Auger - BAM-474 & 589	Armstrong Armstrong Armstrong Armstrong Armstrong Armstrong Armstrong	Up. Freeport Up. Freeport Up. Freeport Up. Freeport Lo. Kittanning Lo. Kittanning Lo. Kittanning	32 32 30 30 40 40 40	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -
Total											-
Wolcott, Dale M. Strip Permit No. 397-2	Armstrong	Pittsburgh	84	-	-	-	-	-	-	11,625	110
District Total											-
10,076,295											-

# District 36

AH-RS Coal Corp. Strip Permit No. 847-1 Strip Permit No. 847-2	Clarion Clarion	Clarion Clarion	36 36	- -	- -	- -	- -	- -	- -	210,575 64,000 274,575	5,200 1,900 7,100
Total											-
Allegheny Mineral Corp. Strip Permit No. 571-1 Allison Engineering Co. Strip Permit Nos. 39-20, 23, 28A, 33, 34, 36, 38, & 42 Auger - BAM-420	Clarion Clarion	Lo. Kittanning Lo. & Mid. Kitt. Lo. & Mid. Kitt.	32 32-48 48	- - -	- - -	- - -	- - -	- - -	- - -	248,045 3,082,310 3,082,310	9,640 462,300 462,300
Total											-



District 36

Operators and Mines		County	Geological Name of Coal Bed	Height of Seam in Inches	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permissible (Name)
					Shaft	Slope	Drift	Lamps	Used	Flame	Electric	Ammonium Nitrate		
C & K Coal Co.														
Strip Permit No. 4-55	Clarion	Lo. Kittanning	28	-	-	-	-	-	-	-	-	1,138,825	9,921	-
Strip Permit No. 4-57	Clarion	Clarion	48	-	-	-	-	-	-	-	-	252,200	6,405	-
Strip Permit No. 4-64	Clarion	Clarion	46	-	-	-	-	-	-	-	-	382,150	34,524	-
Strip Permit No. 4-68	Clarion	Clarion	36	-	-	-	-	-	-	-	-	416,165	17,430	-
Strip Permit No. 4-69	Clarion	Clarion	34	-	-	-	-	-	-	-	-	1,024,367	15,111	-
Strip Permit No. 4-71	Clarion	Lo. Kittanning	24	-	-	-	-	-	-	-	-	127,600	2,295	-
Strip Permit No. 4-72	Clarion	Clarion & Lo. Kitt.	40	-	-	-	-	-	-	-	-	1,138,875	32,241	-
Strip Permit No. 4-74	Clarion	Clarion	30	-	-	-	-	-	-	-	-	635,490	36,621	-
Strip Permit No. 4-75	Clarion	Lo. Kittanning	36	-	-	-	-	-	-	-	-	271,700	1,500	-
Strip Permit No. 4-76	Clarion	Clarion & Lo. Kitt.	28	-	-	-	-	-	-	-	-	1,735,775	56,013	-
Strip Permit No. 4-78	Clarion	Clarion	42	-	-	-	-	-	-	-	-	2,227,200	43,707	-
Strip Permit No. 4-79	Clarion	Lo. Kittanning	24	-	-	-	-	-	-	-	-	73,050	10,740	-
Strip Permit No. 4-80	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	-	60,695	3,072	-
Strip Permit No. 4-81	Clarion	Lo. Kittanning	36	-	-	-	-	-	-	-	-	2,498,000	46,866	-
Strip Permit No. 4-82	Clarion	Clarion & Lo. Kitt.	28	-	-	-	-	-	-	-	-	1,062,340	9,666	-
Strip Permit No. 4-83	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	-	1,538,760	27,255	-
Strip Permit No. 4-84	Clarion	Clarion	34	-	-	-	-	-	-	-	-	1,166,700	47,157	-
Strip Permit No. 4-85	Clarion	Clarion	40	-	-	-	-	-	-	-	-	2,540,754	89,025	-
Strip Permit No. 4-87	Clarion	Clarion	38	-	-	-	-	-	-	-	-	922,640	38,031	-
Strip Permit No. 4-88	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	-	255,145	2,199	-
Strip Permit No. 4-89	Clarion	Clarion	32	-	-	-	-	-	-	-	-	519,500	4,260	-
Strip Permit No. 4-90	Clarion	Clarion	48	-	-	-	-	-	-	-	-	132,100	1,818	-
Strip Permit No. 4-91	Clarion	Mid. Kittanning	36	-	-	-	-	-	-	-	-	227,525	7,821	-
Total											20,347,556	543,678	-	
Carroll, Patrick														
Strip Permit No. 595-2	Clarion	Clarion	44	-	-	-	-	-	-	-	-	386,640	14,583	-
Cotterman Coal Co., W. A.														
Strip Permit No. 603-5	Clarion	Clarion	32	-	-	-	-	-	-	-	-	208,075	5,089	-
Strip Permit No. 603-7	Clarion	Up. Freeport	32	-	-	-	-	-	-	-	-	54,650	9,227	-
Strip Permit No. 603-8	Clarion	Up. Freeport	32	-	-	-	-	-	-	-	-	56,770	1,709	-
Total											319,495	16,025	-	
Dean Contractor, Ernest C.														
Strip Permit No. 379-20	Clarion	Up. Kittanning	26	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 379-22	Clarion	Up. & Mid. Kitt.	28	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 379-23	Clarion	Mid. Kittanning	28	-	-	-	-	-	-	-	-	20,000	200	-
Strip Permit No. 379-24	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 379-25	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	-	20,000	200	-
Strip Permit No. 379-26	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	-	84,000	600	-
Total											124,000	1,000	-	



District 36

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam in Inches	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permissible (Name)
				Shaft	Slope	Drift	Lamps	Used					
				Height of Seam in Inches	Age	Pitch	Gaseous or Drift	Flame	Electric	Ammonium Nitrate	Dynamite		
<b>Fairhill Coal Co.</b>													
Strip Permit No. 602-3	Clarion	Up. Freeport	46	-	-	-	-	-	-	57,800	2,075	-	
Gearhart, Alvin													
Strip Permit No. 632-4	Clarion	Lo. Freeport	48	-	-	-	-	-	-	20,000	600	-	
H & G Coal & Clay Co., Inc.													
Strip Permit Nos. 75-23, 24 & 27	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	
Lucinda Coal Co.													
Strip Permit No. 1015-1	Clarion	Mid. Kittanning	18	-	-	-	-	-	-	156,400	13,597	-	
Martin Coal Co., James													
Strip Permit No. 419-5	Clarion	Up. Freeport	46	-	-	-	-	-	-	20,625	600	-	
Mauersberg Coal Co.													
Strip Permit No. 344-11	Clarion	Lo. Kittanning	29	-	-	-	-	-	-	138,000	2,300	-	
Strip Permit No. 344-18	Clarion	Clarion	28	-	-	-	-	-	-	143,000	2,450	-	
Strip Permit No. 344-20	Clarion	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	
Strip Permit No. 344-21	Clarion	Up. Freeport	34	-	-	-	-	-	-	111,000	1,875	-	
Strip Permit No. 344-22	Clarion	Lo. Kittanning	29	-	-	-	-	-	-	-	-	-	
								Total		392,000	6,625	-	
<b>Mays Coal Co.</b>													
Strip Permit No. 210-4(A)	Clarion	Clarion	48-50	-	-	-	-	-	-	22,773	2,055	-	
Strip Permit No. 210-4(A2)	Clarion	Clarion	48-50	-	-	-	-	-	-	860,072	81,331	-	
Strip Permit No. 210-5	Clarion	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	
								Total		882,845	83,386	-	
<b>Miles, Clyde</b>													
Strip Permit No. 509-5	Clarion	Brookville	60	-	-	-	-	-	-	80,000	300	-	
Strip Permit No. 509-7	Clarion	Lo. Kittanning	30	-	-	-	-	-	-	-	-	-	
Strip Permit No. 509-8	Clarion	Up. Freeport	48	-	-	-	-	-	-	160,000	600	-	
Strip Permit No. 509-9	Clarion	Up. Freeport	48	-	-	-	-	-	-	170,000	650	-	
								Total		410,000	1,550	-	
<b>Minick Coal Co.</b>													
Strip Permit No. 415-5(A)	Clarion	Up. & Lo. Kitt.	32	-	-	-	-	-	-	49,400	7,520	-	
Phillips, Merle H.													
Strip Permit No. 613-4	Clarion	Up. Freeport	42	-	-	-	-	-	-	-	-	-	
R.E.M. Coal Co., Inc.													
Strip Permit No. 932-2	Clarion	Lo. & Mid. Kitt.	32-30	-	-	-	-	-	-	657,425	11,375	-	
Reddinger, Terry													
Strip Permit Nos. 314-8 & 13	Clarion	Up. Kittanning	26	-	-	-	-	-	-	-	-	-	
Strip Permit No. 314-14	Clarion	Up. Clarion	26	-	-	-	-	-	-	-	-	-	
Strip Permit No. 314-16	Clarion	Up. Freeport	28	-	-	-	-	-	-	-	-	-	
Strip Permit No. 314-18	Clarion	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	

District 36

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam in Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		
				: Shaft :	: Slope :	: Drift :	: Lamps :	: Type :	: Flame :	: Elec- :	: Ammonium :	: Nitrate :
Reichard Paving & Excavating, Gene Stahlman Coal Co., Inc., W. P.	Clarion	L. Free & U. Kitt.	36	-	-	-	-	-	-	61,150	-	*
		Clarion & Brookville	30	-	-	-	-	-	-	179,930	11,865	-
		Clarion	28	-	-	-	-	-	-	48,585	3,204	-
		Up. Freeport	26	-	-	-	-	-	-	149,865	9,085	-
		Clarion	30	-	-	-	-	-	-	198,300	13,080	-
Total										576,680	37,234	-
Vantage Coal Corp.	Clarion	Clarion & Mid. Kittanning	38	-	-	-	-	-	-	4,580,450	106,281	-
		Up. & Lo. Freeport	50	-	-	-	-	-	-	71,500	984	-
		Up. Freeport	48	-	-	-	-	-	-	305,975	3,726	-
Total										4,957,925	110,991	-
W. & M. Coal Co. Wilson, John N.	Clarion	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-
		Lo. Kittanning	36	-	-	-	-	-	-	-	-	-
		Mid. Kittanning	28	-	-	-	-	-	-	-	-	-
		Clarion	40	-	-	-	-	-	-	1,782,000	674,000	-
		Clarion	42	-	-	-	-	-	-	-	-	-
District Total										34,806,871	2,003,879	-

\* 850 pounds of Apcoigel and 4,800 pounds of Apcomite.

\* 850 pounds of ApcoGel and 4,800 pounds of Apcomite.

District 37

Allied Fuel & Materials, Inc. B & D Coal Co.	Strip Permit No. 471-6 & 7	Venango	28	-	-	-	-	-	-	583,725	25,150	-
	Strip Permit No. 558-3	Venango	Lo. Kittanning	28	-	-	-	-	-	-	-	-
	Goetz Coal Co., William O.											
	Strip Permit No. 193-5A	Venango	Clarion	17-24	-	-	-	-	-	-	-	-
	Strip Permit No. 193-6A	Venango	Clarion	17-24	-	-	-	-	-	78,750	5,525	-
	Strip Permit No. 193-7A	Venango	Clarion	17-24	-	-	-	-	-	-	-	-
	Total										78,750	5,525

# District 37

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam in Inches	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permissible Dynamite (Name)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				Shaft	Slope	Drift	Average	Pitch	Degrees	Drift	Nongaseous	Open		Safety	Flame	Elec- tric	Ammonium Nitrate																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Jack Bros. Construction Co. Strip Permit No. 450-7(A5) Strip Permit No. 450-10	Venango Venango	Lo. Kittanning Clarion	24 24	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	-<

# District 38

Adams, Marvin J. Strip Permit No. 1038-1	Jefferson	Up. Freeport	30	-	-	-	-	-	-	-	-	-	-
Baughman Coal Co., Inc., R. D. Strip Permit No. 151-51	Jefferson	Lo. Freeport	28	-	-	-	-	-	-	-	-	101,850	35,116
Strip Permit No. 151-53	Jefferson	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 151-56	Jefferson	Lo. & Mid. Kitt.	30-12	-	-	-	-	-	-	-	-	1,144,481	14,005
Strip Permit No. 151-57	Jefferson	Lo. Kittanning	28	-	-	-	-	-	-	-	-	378,600	111,735
Strip Permit No. 151-61	Jefferson	Mid. Kittanning	20	-	-	-	-	-	-	-	-	30,250	13,425
Auger - BAN-515	Jefferson	Lo. Kittanning	28	-	-	-	-	-	-	-	-	-	-
Total												1,655,181	174,281





District 38

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening				Number and Type				Pounds of Explosives Used	Other Permissible (Name)
				Shaft:	Slope	Drift:	Average	Lamps	Used	Flame	Electric		
				Inches:Depth:	Length:	Degrees:	Pitch:	Open:	Safety:	Open:	Safety:		
Markle-Bullers Coal Co. (Continued)	Jefferson	Strip Permit No. 504-22	42	-	-	-	-	-	-	-	-	315,575	52,850
		Strip Permit No. 504-23	42	-	-	-	-	-	-	-	-	396,900	36,500
									Total			712,475	89,350
Minns Coal Co.	Jefferson	Strip Permit No. 138-10	32	-	-	-	-	-	-	-	-	303,000	8,000
		Moore Coal Co., Everett	32	-	-	-	-	-	-	-	-	-	-
P & N Coal Co., Inc.	Jefferson	Strip Permit No. 157-11	32	-	-	-	-	-	-	-	-	-	-
		Strip Permit No. 32-49	27-34	-	-	-	-	-	-	-	-	470,505	9,878
		Strip Permit No. 32-60	24	-	-	-	-	-	-	-	-	175,890	1,827
		Strip Permit No. 32-65	24	-	-	-	-	-	-	-	-	646,395	11,705
		Strip Permit No. 32-69							Total				
		Strip Permit No. 32-55											
		Auger - BAM-540											
Pascaret, James	Jefferson	Strip Permit No. 23-2(A)	36	-	-	-	-	-	-	-	-	-	-
		S & M Coal Co.	28	-	-	-	-	-	-	-	-	12,760	120
Snyder Coal Co., Marlin L.	Jefferson	Strip Permit No. 1005-1	48	-	-	-	-	-	-	-	-	-	-
		Strip Permit No. 395-2(C)	28	-	-	-	-	-	-	-	-	423,808	22,033
		Stahlman Coal Co., Inc., W. P.	32	-	-	-	-	-	-	-	-	134,848	701
		Strip Permit No. 9-32	24	-	-	-	-	-	-	-	-	144,480	751
		Strip Permit No. 9-36	30	-	-	-	-	-	-	-	-	269,690	1,402
		Strip Permit No. 9-37	36	-	-	-	-	-	-	-	-	192,640	1,002
		Strip Permit No. 9-42							Total			1,165,466	25,889
		Strip Permit No. 9-43											
Starr, Ivan, Jr.	Jefferson	Strip Permit No. 364-4	28	-	-	-	-	-	-	-	-	130,000	2,500
		Strishock Coal Co.	18	-	-	-	-	-	-	-	-	5,700	-
		Strip Permit No. 214-7	18	-	-	-	-	-	-	-	-	11,560	-
		Strip Permit No. 214-10							Total			17,260	-
Sugar Hill Limestone Co.	Jefferson	Strip Permit No. 496-6	28	-	-	-	-	-	-	-	-	530,665	25,948
		Strip Permit No. 496-6	60	-	-	-	-	-	-	-	-	-	-



District 39

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam in Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	Lamps	Used				Other
				Height of Seam in Feet	Pitch	Gaseous or Degreased	Open	Flame	Electric	Ammonium Nitrate	Dynamite	Permissible (Name)
Hawk Bros. Contracting Co. Strip Permit No. 121-6 Strip Permit No. 121-7	Indiana	Up. Freeport	55	-	-	-	-	-	-	49,580	110	-
	Indiana	Up. Freeport	55	-	-	-	-	-	-	1,300,000	16,000	-
							Total			1,349,580	16,110	-
Head Coal Co. Strip Permit No. 124-5 Strip Permit No. 124-8 Auger - BAM-511	Indiana	Up. Freeport	42	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	60	-	-	-	-	-	-	400	-	-
	Indiana	Up. Freeport	42	-	-	-	-	-	-	-	-	-
							Total			400	-	-
Lankie Coal Co., Inc. Strip Permit No. 107-6 Strip Permit No. 107-7	Clearfield	Up. Freeport	20	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	28	-	-	-	-	-	-	-	-	-
Leasure Coal Co. Strip Permit Nos. 563-3 & 4 Strip Permit No. 563-5	Indiana	Up. Freeport	32	-	-	-	-	-	-	-	-	-
	Indiana	Up. Freeport	24	-	-	-	-	-	-	-	-	-
Leasure Coal Co., R. L. Strip Permit No. 991-1 Strip Permit No. 991-2	Indiana	Up. Freeport	32	-	-	-	-	-	-	12,431	-	-
	Indiana	Up. Freeport	32	-	-	-	-	-	-	32,097	-	-
							Total			44,528	-	-
M & S Mining, Inc. Strip Permit No. 1001-1	Indiana	Pittsburgh	72	-	-	-	-	-	-	27,400	1,860	-
Marion Center Mining Co. Strip Permit No. 212-4 Strip Permit No. 212-5	Indiana	Lo. Kittanning	42	-	-	-	-	-	-	28,000	5,200	-
	Indiana	Lo. Kittanning	42	-	-	-	-	-	-	17,500	2,400	-
							Total			45,500	7,600	-
Mears Coal Co. Strip Permit No. 3-7 Strip Permit No. 3-8	Indiana	L. Free. & M. Kitt.	26	-	-	-	-	-	-	40,000	-	-
	Indiana	L. Free. & M. Kitt.	26	-	-	-	-	-	-	-	-	-
	Indiana	L. Free. & M. Kitt.	26	-	-	-	-	-	-	22,000	-	-
Strip Permit No. 3-9 Strip Permit No. 3-11 Strip Permit No. 3-13	Indiana	Up. Freeport	30	-	-	-	-	-	-	-	-	-
	Indiana	L. Free. & M. Kitt.	26	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Kittanning	38	-	-	-	-	-	-	-	-	-
Strip Permit No. 3-15 Auger - BAM-435, 455 & 471	Indiana	Lo. Freeport	30	-	-	-	-	-	-	-	-	-
							Total			62,000	-	-
Monnie, S. C. Strip Permit No. 58-11	Indiana	Lo. Kittanning	28	-	-	-	-	-	-	33,150	750	-
Morchesky Trucking & Excavating Co. Strip Permit No. 643-1	Indiana	Up. Freeport	48	-	-	-	-	-	-	-	-	-

District 39

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening				Number and Type				Pounds of Explosives Used			Other Permissible (Name)		
				Shaft	Slope	Drift	Average	Pitch	Gaseous or Drift	Nongaseous	Open	Safety	Erie	Nitrate		Dynamite	
North Cambria Fuel Co.																	
Strip Permit No. 10-21	Indiana	Up. Freeport	72	-	-	-	-	-	-	-	-	-	-	186,295	-	-	-
Strip Permit No. 10-22	Indiana	Up. Freeport	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 10-23	Indiana	Up. Freeport	72	-	-	-	-	-	-	-	-	-	-	29,840	-	-	-
Strip Permit No. 10-25	Indiana	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 10-26	Indiana	Up. Freeport	46	-	-	-	-	-	-	-	-	-	-	326,418	1,830	-	-
Strip Permit No. 10-27	Indiana	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-	880,702	4,938	-	-
Strip Permit No. 10-28	Indiana	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	783,509	4,393	-	-
Strip Permit No. 10-29	Indiana	Lo. Kittanning	39	-	-	-	-	-	-	-	-	-	-	415,598	2,330	-	-
Strip Permit No. 10-30	Indiana	Up. Freeport	72	-	-	-	-	-	-	-	-	-	-	168,011	1,000	-	-
Total														2,790,373	14,491	-	-
Old Home Manor, Inc.																	
Strip Permit No. 615-1	Indiana	Up. Freeport	44	-	-	-	-	-	-	-	-	-	-	3,464,940	1,450	-	-
Peles Coal Co., Inc.																	
Strip Permit No. 612-2	Indiana	Lo. Freeport	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polar Coal Co.																	
Strip Permit Nos. 597-1 & 2	Indiana	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Gap Coal Co.																	
Strip Permit Nos. 433-5 & 6	Indiana	Up. Freeport	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rosensteel, C. L.																	
Strip Permit No. 264-4	Indiana	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-	911,736	2,484	-	-
Strip Permit No. 264-5	Indiana	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-	1,367,604	3,726	-	-
Auger - BAM-492	Indiana	Up. Freeport	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total														2,279,340	6,210	-	-
Selected Fuels, Inc.																	
Strip Permit No. 466-9	Indiana	Lo. Freeport	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 466-10	Indiana	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silverd Bros. Coal Co.																	
Strip Permit No. 513-2	Indiana	Up. Freeport	40	-	-	-	-	-	-	-	-	-	-	17,900	240	-	-
Smith & Sons Coal Co., W. A.																	
Strip Permit No. 330-4C	Indiana	Up. Freeport	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Weimer, John																	
Strip Permit No. 630-1	Indiana	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-
District Total														12,160,711	91,841	-	-



District 40

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening :			Number and Type :			Pounds of Explosives Used			Other Permissible (Name)
				Shaft :	Slope :	Drift :	Lamps :	Type :	Flame :	Elec-: Nitrate	Dynamite		
												Average :	
Beachy & Beachy Coal Co.													
Strip Permit No. 190-1(C)A	Somerset	Pittsburgh	96	-	-	-	-	-	-	-	-	-	-
Black Diamond Coal Co.													
Strip Permit No. 825-2(C)	Somerset	Lo. Kittanning	30	-	-	-	-	-	-	-	1,800	3,200	-
Cardinal Mining Co., The													
Strip Permit No. 618-3(C)	Somerset	Lo. Freeport	30	-	-	-	-	-	-	-	150,000	400	-
Strip Permit No. 618-4	Somerset	Lo. Freeport	30	-	-	-	-	-	-	-	50,000	100	-
										Total	200,000	500	-
Coal Junction Coal Co.													
Strip Permit No. 45-9	Somerset	Up. Freeport	45	-	-	-	-	-	-	-	228,000	7,750	-
Strip Permit No. 45-12	Somerset	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 45-13	Somerset	Up. & Lo. Free.	45	-	-	-	-	-	-	-	14,500	300	-
Strip Permit No. 45-14	Somerset	Lo. Freeport	22	-	-	-	-	-	-	-	10,400	100	-
										Total	252,900	8,150	-
Croner, Inc.													
Strip Permit No. 148-2	Somerset	Pittsburgh	42	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 148-4	Somerset	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 148-8	Somerset	Lo. Freeport	34	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 148-9	Somerset	Sewickley	44	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 148-10	Somerset	Lo. Freeport	34	-	-	-	-	-	-	-	340,000	20,000	-
Strip Permit No. 148-12	Somerset	Pittsburgh	34	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 148-13	Somerset	Up. Freeport	36	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 148-14	Somerset	Pittsburgh	32	-	-	-	-	-	-	-	-	-	-
Decker Construction Co.													
Strip Permit Nos. 2-4 & 6	Somerset	Lo. Bakertown	28	-	-	-	-	-	-	-	139,100	20,600	-
Doraville Enterprises													
Strip Permit Nos. 670-1 & 1A	Somerset	Up. Freeport	30	-	-	-	-	-	-	-	-	-	-
Fetterolf Coal Co., Inc., M. F.													
Strip Permit No. 216-29	Somerset	Lo. Freeport	36	-	-	-	-	-	-	-	380,000	16,038	-
Strip Permit No. 216-31	Somerset	Lo. & Up. Kitt. & 30	30	-	-	-	-	-	-	-	80,000	3,378	-
		Lo. & Up. Free. 32	32	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 216-32	Somerset	Lo. & Up. Kitt. 36-42	36-42	-	-	-	-	-	-	-	110,000	4,043	-
										Total	570,000	23,459	-
General Refractories Co.													
Strip Permit No. 560-1	Somerset	Mercer	48	-	-	-	-	-	-	-	31,500	3,050	-
Glessner Mines, J. S.													
Strip Permit No. 979-1	Somerset	Up. Freeport	30	-	-	-	-	-	-	-	179,200	-	-
Godin, James S., & Goden, Harold E.													
Strip Permit No. 976-1	Somerset	Up. Kittanning	60	-	-	-	-	-	-	-	-	-	-

District 40

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam Inches	Kind of Opening				Number and Type				Pounds of Explosives Used		
				Shaft	Slope	Drift	Average Pitch	Gaseous or Degrees	Lamps Used	Flame or Open	Elec- tric Safety	Nitrate	Ammonium Dynamite	
J R Sales, Inc.	Somerset	Up. Freeport	42	-	-	-	-	-	-	-	-	-	-	-
Refuse	Somerset	Brushcreek	24	-	-	-	-	-	-	-	-	-	25,350	1,005
Ohler, Leo	Somerset	Mid. Kittanning	42	-	-	-	-	-	-	-	-	-	1,620,871	13,513
PBS Coals, Inc.	Somerset	Mid. Kittanning	36	-	-	-	-	-	-	-	-	-	872,778	7,276
Strip Permit No. 222-19	Somerset												2,493,649	20,789
Strip Permit No. 222-20	Somerset									Total				
Penn Pocahontas Coal Co.	Somerset	Up. Freeport	42	-	-	-	-	-	-	-	-	-	520,400	-
Strip Permit No. 651-1	Somerset	Redstone	60	-	-	-	-	-	-	-	-	-	269,000	-
Strip Permit No. 651-3	Somerset	Up. Freeport	42	-	-	-	-	-	-	-	-	-	600,500	-
Strip Permit No. 651-5	Somerset	Up. Freeport	42	-	-	-	-	-	-	-	-	-	120,000	-
Strip Permit No. 651-6	Somerset	Redstone	60	-	-	-	-	-	-	-	-	-	211,500	-
Strip Permit No. 651-7	Somerset	Sewickley	60	-	-	-	-	-	-	-	-	-	280,200	-
Strip Permit No. 651-8	Somerset									Total			2,001,600	-
Penn Somerset Corp.	Somerset	Up. & Lo. Free.	36	-	-	-	-	-	-	-	-	-	1,499,900	70,850
Strip Permit No. 906-1	Somerset													
Portage Slag & Cinder, Inc.	Somerset	U., M. & L. Free.	48	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 977-1	Somerset													
S & S Coal Co.	Somerset	Brookville	44	-	-	-	-	-	-	-	-	-	500	10
Strip Permit No. 534-1	Somerset	Brookville	44	-	-	-	-	-	-	-	-	-	500	10
Strip Permit No. 534-3	Somerset	Up. Freeport	28	-	-	-	-	-	-	-	-	-	1,100	100
Strip Permit No. 534-4	Somerset	Brookville	44	-	-	-	-	-	-	-	-	-	300	30
Strip Permit No. 534-5	Somerset	Brookville	44	-	-	-	-	-	-	-	-	-	500	10
Strip Permit No. 534-6	Somerset									Total			2,900	160
Sanner Bros. Coal Co.	Somerset													
Strip Permit No. 308-7	Somerset	Pittsburgh	96	-	-	-	-	-	-	-	-	-	60,000	200
Strip Permit No. 308-8	Somerset	Redstone	40	-	-	-	-	-	-	-	-	-	120,000	600
Strip Permit No. 308-9	Somerset	Sewickley	16	-	-	-	-	-	-	-	-	-	130,000	720
Strip Permit No. 308-11	Somerset												10,000	80
Strip Permit No. 308-12	Somerset												30,000	100
										Total			350,000	1,700
Scurfield, William C.	Somerset	Lo. Kittanning	36	-	-	-	-	-	-	-	-	-	90,000	10,000
Strip Permit No. 256-3	Somerset	Up. Freeport	30	-	-	-	-	-	-	-	-	-	50,000	5,000
Strip Permit No. 256-7	Somerset									Total			140,000	15,000

# District 40

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Kind of Opening			Number and Type			Pounds of Explosives Used		
					: Shaft:	: Slope	: Drift:	: Lamps	: Used	: Type	: Ammonium Nitrate	: Dynamite	: Other Permissible (Name)
Shafer, Walter F.													
Strip Permit No. 776-1A	Somerset	Up. Freeport	26-28	-	-	-	-	-	-	-	-	-	-
Slifco Bros. Coal													
Strip Permit No. 257-1	Somerset	Mid. Kittanning	46	-	-	-	-	-	-	-	3,000	50	-
Star Coal Co.													
Strip Permit No. 554-1	Somerset	Up. Kittanning	42	-	-	-	-	-	-	-	6,500	-	-
Svonavec, Inc.													
Strip Permit No. 553-6, 6A & 6A2	Somerset	Up. Freeport	20	-	-	-	-	-	-	-	308,000	2,800	-
Strip Permit No. 553-8	Somerset	Up. Freeport	36	-	-	-	-	-	-	-	123,200	1,120	-
Strip Permit No. 553-9, 9A & 9A2	Somerset	Up. Freeport	30	-	-	-	-	-	-	-	87,694	3,200	-
									Total		518,894	7,120	-
									District Total		8,756,293	195,633	-

# District 41

Alumbaugh Coal Corp.													
Strip Permit No. 84-7	Somerset	Up. Kittanning	52	-	-	-	-	-	-	-	341,360	14,130	-
Strip Permit No. 84-8A	Somerset	Lo. Kittanning	30	-	-	-	-	-	-	-	67,377	-	-
Strip Permit No. 84-8	Somerset	Lo. Kittanning	30	-	-	-	-	-	-	-	87,400	-	-
Auger - BAN-536	Somerset	Up. Kittanning	60	-	-	-	-	-	-	-	-	-	-
									Total		496,137	14,130	-
Badger Coal Co., Inc.													
Strip Permit No. 325-3(A2)	Somerset	Lo. Freeport	37	-	-	-	-	-	-	-	5,250	4,030	-
Strip Permit No. 325-5	Somerset	Lo. Kittanning	46	-	-	-	-	-	-	-	4,500	3,540	-
									Total		9,750	7,570	-
Bigan Estate, John E.													
Strip Permit No. 291-3	Somerset	Up. Kittanning	30	-	-	-	-	-	-	-	35,000	1,950	-
Brant Coal Co., Inc.													
Strip Permit No. 194-3	Somerset	M. Kitt. & L. Free.	45	-	-	-	-	-	-	-	200,000	350	-
Strip Permit No. 194-4	Somerset	M. Kitt. & L. Free.	45	-	-	-	-	-	-	-	40,000	100	-
Strip Permit No. 194-6	Somerset	M. Kitt. & L. Free.	45	-	-	-	-	-	-	-	-	-	-
									Total		240,000	450	-
C & P Coal Co.													
Strip Permit No. 298-6 & 6A	Somerset	M. Kitt. & L. Free.	34	-	-	-	-	-	-	-	64,000	2,000	-







District 41											
Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening		Number and Type		Pounds of Explosives Used			
				: Shaft :	: Slope :	: Drift :	: Lamps Used :	: Other Permissible (Name) :	: Ammonium Nitrate :	: Dynamite :	
Zubek & Yantus											
Strip Permit No. 332-6	Somerset	Mid. Kittanning	30	-	-	-	-	-	22,000	4,000	-
Strip Permit No. 332-7	Somerset	Lo. Kittanning	48	-	-	-	-	-	6,000	1,000	-
							Total		28,000	5,000	-
							District Total		4,649,032	103,612	-
District 42											
Ace Drilling Coal Co., Inc.											
Strip Permit No. 218-6	Cambria	Up. Freeport	45	-	-	-	-	-	-	-	-
Strip Permit No. 218-8	Cambria	Up. Kittanning	21	-	-	-	-	-	-	-	-
Strip Permit No. 218-10	Blair	Mid. & Lo. Kitt. & Lo. Kitt. Rider	24 48-7	-	-	-	-	-	82,400	1,000	-
Strip Permit No. 218-11	Cambria	Fire Clay	60	-	-	-	-	-	-	-	-
Strip Permit No. 218-12A	Cambria	Lo. Kittanning	48	-	-	-	-	-	35,100	430	-
Strip Permit No. 218-13	Cambria	Mid. & Lo. Kitt.	36-48	-	-	-	-	-	3,900	50	-
Strip Permit No. 218-14	Cambria	Lo. Kittanning	48	-	-	-	-	-	25,600	320	-
							Total		147,000	1,800	-
Bender Coal Co., Edward P.											
Strip Permit No. 593-4,7,8	Cambria	Lo. Freeport	40	-	-	-	-	-	-	-	-
Benjamin Coal Co.											
Strip Permit No. 64-82	Cambria	U. Kitt. & L. Free.	30	-	-	-	-	-	642,265	32,000	-
Bigan Coal Co., M. H.											
Strip Permit No. 657-1	Cambria	Brookville	48	-	-	-	-	-	-	-	-
Cooney Bros. Coal Co.											
Strip Permit No. 238-1	Cambria	Up. Freeport	42	-	-	-	-	-	120,000	300	-
Strip Permit No. 238-2	Cambria	Up. Freeport	40	-	-	-	-	-	600,000	1,500	-
Strip Permit No. 238-3	Cambria	Brookville	36	-	-	-	-	-	1,000,000	2,200	-
Strip Permit No. 238-10	Cambria	Lo. Freeport	42	-	-	-	-	-	120,000	300	-
Strip Permit No. 238-12	Cambria	Up. Freeport	36	-	-	-	-	-	120,000	300	-
Strip Permit No. 238-14	Cambria	Up. Freeport	48	-	-	-	-	-	80,000	200	-
Strip Permit No. 238-16	Cambria	Lo. Kittanning	40	-	-	-	-	-	40,000	100	-
							Total		2,080,000	4,900	-
Heahbon Coal Co., Inc.											
Strip Permit No. 200-2	Cambria	Up. & Lo. Free.	36	-	-	-	-	-	34,000	480	-



## District 43

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used		
				Shaft	Slope	Drift	: Lamps	: Used	: Other	Permissible		
											: Average	: Pitch
Benjamin Coal Co. (Continued)												
Strip Permit No. 64-60	Clearfield	Up. Freeport	24	-	-	-	-	-	-	152,165	7,600	-
Strip Permit No. 64-66	Clearfield	Up. Freeport	26	-	-	-	-	-	-	43,100	2,150	-
Strip Permit No. 64-67	Clearfield	Up. & Lo. Free.	26	-	-	-	-	-	-	359,620	17,980	-
Strip Permit No. 64-69	Clearfield	Up. Freeport	28	-	-	-	-	-	-	175,145	8,750	-
Strip Permit No. 64-72	Clearfield	Lo. Freeport	28	-	-	-	-	-	-	163,750	8,180	-
Strip Permit No. 64-81	Clearfield	Up. & Lo. Free.	26	-	-	-	-	-	-	239,000	11,950	-
Strip Permit No. 64-85	Clearfield	Up. Freeport	26	-	-	-	-	-	-	87,000	4,350	-
							Total			1,902,885	95,080	-
Cambria Mills Coal Co., Inc.												
Strip Permit No. 548-3 & 3A	Clearfield	Up. & Lo. Free.	30	-	-	-	-	-	-	55,000	750	-
Strip Permit No. 548-4	Clearfield	Up. & Lo. Free.	30	-	-	-	-	-	-	56,000	1,000	-
							Total			111,000	1,750	-
Empire Coal Co.												
Strip Permit No. 69-29	Clearfield	Lo. Kittanning	16	-	-	-	-	-	-	94,025	784	-
Strip Permit No. 69-30	Clearfield	Mid. Kittanning	24	-	-	-	-	-	-	246,000	2,064	-
Strip Permit No. 69-31	Clearfield	Up. Freeport	24	-	-	-	-	-	-	175,900	1,485	-
Strip Permit No. 69-32	Clearfield	Lo. Kittanning	16	-	-	-	-	-	-	40,145	347	-
Strip Permit No. 69-33	Clearfield	Mid. Kittanning	24	-	-	-	-	-	-	170,000	1,423	-
Auger - BAM-558	Clearfield	Mid. Kittanning	24	-	-	-	-	-	-	-	-	-
							Total			726,070	6,103	-
Flango Bros. Coal												
Strip Permit No. 161-10	Clearfield	Up. & Lo. Free.	24	-	-	-	-	-	-	140,300	3,067	-
Strip Permit No. 161-13	Clearfield	Up. & Lo. Free.	24	-	-	-	-	-	-	67,150	1,533	-
							Total			207,450	4,600	-
Hamlin Coal Co., Inc.												
Strip Permit No. 536-1	Clearfield	Up. & Lo. Free.	28	-	-	-	-	-	-	157,410	2,757	-
Strip Permit No. 536-2	Clearfield	Up. & Lo. Free.	26	-	-	-	-	-	-	73,950	1,478	-
Strip Permit No. 536-4	Clearfield	Up. & Lo. Free.	26	-	-	-	-	-	-	156,900	3,527	-
Strip Permit No. 536-6	Clearfield	Up. & Lo. Free.	26	-	-	-	-	-	-	12,300	352	-
Auger - BAM-586	Clearfield	Up. & Lo. Free.	28	-	-	-	-	-	-	-	-	-
Auger - BAM-563	Clearfield	Up. & Lo. Free.	26	-	-	-	-	-	-	-	-	-
							Total			400,560	8,114	-
Hepburnia Coal Co.												
Strip Permit No. 14-38	Clearfield	Up. & Lo. Freeport	28	-	-	-	-	-	-	21,247	589	-
Strip Permit No. 14-42	Clearfield	Up. & Lo. Freeport	28	-	-	-	-	-	-	7,716	203	-
Strip Permit No. 14-43	Clearfield	Up. & Lo. Freeport	28	-	-	-	-	-	-	6,428	185	-
							Total			35,391	977	-
Kann, John												
Strip Permit No. 621-4A	Clearfield	Up. Kittanning	26	-	-	-	-	-	-	57,000	640	-

District 43

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam in Inches	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permissible (Name)
				Shaft	Slope	Drift	Lamps	Used		Ammonium Nitrate	Dynamite		
Kasubick Brothers Kitko, Francis Kristianson & Johnson Coal Co. Strip Permit No. 56-26 Strip Permit No. 56-31 Mears Coal Co. Strip Permit No. 3-12 Minds Coal Co. Strip Permit No. 391-3 P & N Coal Co., Inc. Strip Permit No. 32-63 Strip Permit No. 32-66	Clearfield	Lo. Kittanning	20	-	-	-	-	-	-	271	63	-	-
	Clearfield	Moshannon	48	-	-	-	-	-	-	-	-	-	-
	Clearfield	Up. Free. & Rider	36	-	-	-	-	-	-	-	-	-	-
	Clearfield	M. Kitt. & U. & L. Free.	32	-	-	-	-	-	-	-	-	-	-
	Indiana	Lo. Kittanning	38	-	-	-	-	-	-	-	-	-	-
	Clearfield	Rider	24	-	-	-	-	-	-	-	-	-	-
	Clearfield	Lo. Freeport	30	-	-	-	-	-	-	397,821	4,967	-	-
	Clearfield	Lo. Freeport	36	-	-	-	-	-	-	887,121	9,529	-	-
								Total		1,284,942	14,496	-	-
								Total		240,000	-	-	-
Powell Coal Co., C. E. Strip Permit No. 101-18 Strip Permit No. 101-19 Strip Permit No. 101-20 Shale Hill Coal Co. Strip Permit No. 598-4A Shawville Coal Co. Strip Permit No. 30-1 Simca Mining, Inc. Strip Permit No. 529-1 Strip Permit No. 529-2 Strip Permit No. 529-3 Strip Permit No. 529-5	Clearfield	Up. Freeport	24	-	-	-	-	-	-	80,000	-	-	-
	Clearfield	Lo. Kittanning	24	-	-	-	-	-	-	85,000	-	-	-
	Clearfield	Up. Freeport	24	-	-	-	-	-	-	75,000	-	-	-
								Total		240,000	-	-	-
	Clearfield	Up. & Lo. Free.	60	-	-	-	-	-	-	10,000	200	-	-
	Clearfield	Up. Freeport	28	-	-	-	-	-	-	61,575	9,370	-	-
	Clearfield	Up. & Lo. Free.	26	-	-	-	-	-	-	1,252,200	7,450	-	-
	Clearfield	Up. & Lo. Free.	26	-	-	-	-	-	-	550,769	2,055	-	-
	Clearfield	Up. & Lo. Free.	26	-	-	-	-	-	-	36,398	215	-	-
	Clearfield	Up. Freeport	26	-	-	-	-	-	-	16,559	100	-	-
										Total	1,855,926	9,820	-
										District Total	6,973,070	151,213	-



# District 44

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Kind of Opening			Number and Type			Pounds of Explosives Used					
				: Shaft	: Slope	: Drift	: Lamps	: Type	: Flame	: Elec-Open	: Safety	: Nitrate	Dynamite	Other Permissible (Name)	
Avery Coal Co., Inc.	Clearfield	Brookville	40	-	-	-	-	-	-	-	-	-	36,000	720	-
Strip Permit No. 584-1	Clearfield	Lo. Freeport	30	-	-	-	-	-	-	-	-	-	184,100	4,550	-
Strip Permit No. 584-3	Clearfield	Up. Kittanning	36	-	-	-	-	-	-	-	-	-	575,497	5,484	-
Strip Permit No. 584-4												Total	795,597	10,754	-
Benjamin Coal Co.	Clearfield	U.M.& L. Kitt.	24	-	-	-	-	-	-	-	-	-	292,250	14,600	-
Strip Permit No. 64-80															
Bradford Coal Co., Inc.	Clearfield	Up.& Lo. Kitt.	30	-	-	-	-	-	-	-	-	-	731,690	176,693	-
Strip Permit No. 61-26	Clearfield	Up.& Lo. Kitt.	30	-	-	-	-	-	-	-	-	-			
Strip Permit No. 61-28	Clearfield	U.M.& L. Kitt.	40	-	-	-	-	-	-	-	-	-			
Strip Permit No. 61-29															
Brown Co., Earl M.	Clearfield	Lo. Kittanning	25	-	-	-	-	-	-	-	-	-			
Strip Permit No. 104-14	Clearfield	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	310,912	6,285	-
Strip Permit No. 104-15	Clearfield	Mid. Kittanning	30	-	-	-	-	-	-	-	-	-	103,638	2,095	-
Strip Permit No. 104-18												Total	414,550	8,380	-
Centre Fuel & Mineral	Clearfield	Mercer	18	-	-	-	-	-	-	-	-	-			
Strip Permit No. 983-1															
Elliot Coal Mining Co., Inc.	Clearfield	Brookville	60	-	-	-	-	-	-	-	-	-	435,000	24,000	-
Strip Permit No. 59-19	Clearfield	Up.& Mid. Kitt.	24	-	-	-	-	-	-	-	-	-	435,000	24,000	-
Strip Permit No. 59-22												Total	870,000	48,000	-
Empire Coal Co.	Clearfield	Clarion & L. Kitt.	42-20	-	-	-	-	-	-	-	-	-	148,000	1,239	-
Strip Permit No. 69-34															
Flango Bros. Coal Co.	Clearfield	Up. Freeport	20	-	-	-	-	-	-	-	-	-			
Strip Permit No. 161-11															
Gallagher Coal Co.	Clearfield	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	120,000	1,200	-
Strip Permit No. 371-1		Mid. Kittanning	30	-	-	-	-	-	-	-	-	-			
		Lo. Freeport	48	-	-	-	-	-	-	-	-	-			
Halsey Contracting Co., Inc.	Clearfield	Up. Kittanning	23	-	-	-	-	-	-	-	-	-	342,615	28,525	-
Strip Permit No. 501-3		Lo. Freeport	48	-	-	-	-	-	-	-	-	-			
Hamer, Ardell B.	Clearfield	Clay Rider	18	-	-	-	-	-	-	-	-	-	86,135	1,648	-
Strip Permit No. 517-1															
Hamilton Contracting Co., Al	Clearfield	Up.& Lo. Kitt.	30	-	-	-	-	-	-	-	-	-	365,845	88,346	-
Strip Permit No. 533-1	Clearfield	U.M.& L. Kitt.	40	-	-	-	-	-	-	-	-	-			
Strip Permit No. 533-2															
Holland, Arden W.	Clearfield	Mid. Kittanning	48	-	-	-	-	-	-	-	-	-	8,400	-	-
Strip Permit No. 661-1															



District 44

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam : Inches	Kind of Opening			Number and Type			Pounds of Explosives Used			
				:Shaft:	:Slope:	:Drift:	:Lamps:	:Used:	:Other:	:Permissible:	:Dynamite:	: (Name):	
Swistock & George Strip Permit No. 522-1 Strip Permit No. 522-5	Clearfield Clearfield	Lo. Kittanning	20	-	-	-	-	-	-	14,000	20,000	-	
		Lo. Kittanning	18	-	-	-	-	-	-	-	15,100	17,350	-
											29,100	37,350	-
									Total				
Thompson Coal Co., Inc., John Strip Permit Nos. 492-1, 2, 3, 4, 5, 6 & 7 Winters Construction, Melvin Strip Permit Nos. 11-2 & 3A	Clearfield Clearfield	Lo. Kittanning	30	-	-	-	-	-	-	915,500	49,800	-	
		Lo. Freeport	48	-	-	-	-	-	-	-	-	-	-
									District Total	6,061,915	518,478		

\* 1,500 pounds

District 45

Benjamin Coal Co.									
Strip Permit No. 64-39	Clearfield	M. Kitt. & L. Free.	25	-	-	-	-	150,000	7,500
Strip Permit No. 64-41	Clearfield	U. Kitt. & L. Free.	25	-	-	-	-	94,400	4,700
Strip Permit No. 64-43	Clearfield	Up. & Lo. Free.	25	-	-	-	-	418,200	20,900
Strip Permit No. 64-44	Clearfield	Up. & Lo. Free.	25	-	-	-	-	46,100	2,300
Strip Permit No. 64-55	Clearfield	Up. & Lo. Free.	22	-	-	-	-	173,600	8,600
Strip Permit No. 64-68	Clearfield	Up. & Lo. Free.	25	-	-	-	-	133,200	6,600
Strip Permit No. 64-70	Clearfield	Up. & Lo. Free.	23	-	-	-	-	309,900	15,490
Strip Permit No. 64-73	Clearfield	Lo. Freeport	22	-	-	-	-	152,500	7,600
Strip Permit No. 64-75	Clearfield	M. Kitt. & L. Free.	21	-	-	-	-	125,500	6,200
Strip Permit No. 64-79	Clearfield	L. M. U. Kitt. & L. Free.	23	-	-	-	-	169,800	8,490
Strip Permit No. 64-84	Clearfield	Lo. Kitt. & Rider	22	-	-	-	-	95,340	4,760
Strip Permit No. 64-86	Clearfield	Up. Kittanning	20	-	-	-	-	21,100	1,050
Strip Permit No. 64-87	Clearfield	Lo. Freeport	23	-	-	-	-	22,100	1,100
				-	-	-	-	1,911,740	95,290
		Total		-	-	-	-		
Bradford Coal Co., Inc.									
Strip Permit No. 61-30	Clearfield	Lo. & Mid. Kitt.	34	-	-	-	-	340,240	3,664
Carlin, Inc., R. S.									
Strip Permit No. 134-7	Clearfield	Mid. & Up. Kitt.	30	-	-	-	-	-	-
Central Coal Co.									
Strip Permit No. 625-1	Clearfield	Mid. Kittanning	22	-	-	-	-	44,000	-
Clearfield Clay Products Co.									
Strip Permit No. 438-5	Clearfield	Lo. Kittanning	33	-	-	-	-	96,000	-







District 45

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam in Inches	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permissible (Name)
				Shaft	Slope	Drift	Lamps	Type	Explosives				
									Used				
Ogden, Chester A. (Continued)													
Strip Permit No. 585-3	Clearfield	Up. & Lo. Kitt.	20	-	-	-	-	-	-	-	74,146	510	-
											282,406	3,290	-
Orlando, Downick													
Strip Permit No. 416-3	Clearfield	Up. & Lo. Free.	36	-	-	-	-	-	-	-	-	-	-
Reese, Philip													
Strip Permit No. 156-10-A3	Clearfield	Lo. Kittanning	36	-	-	-	-	-	-	-	786,400	5,537	-
River Hill Coal Co., Inc.													
Strip Permit No. 20-29	Clearfield	Mid. & Up. Kitt.	28-22	-	-	-	-	-	-	-	360,000	-	-
Strip Permit No. 20-33	Clearfield	Mid. & Up. Kitt.	28-22	-	-	-	-	-	-	-	65,000	-	-
											425,000	-	-
Shale Hill Coal Co.													
Strip Permit No. 598-3	Clearfield	Up. & Lo. Free.	59	-	-	-	-	-	-	-	6,750	200	-
Strip Permit No. 598-6	Clearfield	Up. & Lo. Free.	50	-	-	-	-	-	-	-	24,225	276	-
											30,975	476	-
Shawville Coal Co.													
Strip Permit No. 30-2	Clearfield	Lo. Kittanning	42	-	-	-	-	-	-	-	1,595,760	53,410	-
Strip Permit No. 30-13	Clearfield	Lo. Kittanning	34	-	-	-	-	-	-	-	106,540	4,075	-
Strip Permit No. 30-18	Clearfield	Up. Freeport	30	-	-	-	-	-	-	-	22,520	200	-
Strip Permit No. 30-19	Clearfield	Lo. Kittanning	48	-	-	-	-	-	-	-	275,350	4,860	-
Strip Permit No. 30-20	Clearfield	Lo. Kittanning	40	-	-	-	-	-	-	-	129,335	8,200	-
Strip Permit No. 30-21	Clearfield	Mid. Kittanning	29	-	-	-	-	-	-	-	6,375	450	-
Strip Permit No. 30-25	Clearfield	Mid. Kittanning	36	-	-	-	-	-	-	-	52,465	1,150	-
Strip Permit No. 30-27	Clearfield	Mid. Kittanning	24	-	-	-	-	-	-	-	3,445	7,000	-
Strip Permit No. 30-28	Clearfield	Up. Freeport	26	-	-	-	-	-	-	-	86,685	9,355	-
Strip Permit No. 30-30	Clearfield	Lo. Kittanning	40	-	-	-	-	-	-	-	27,875	250	-
Strip Permit No. 30-31	Clearfield	Lo. Freeport	26	-	-	-	-	-	-	-	195,315	3,900	-
Strip Permit No. 30-33	Clearfield	Mid. Kittanning	24	-	-	-	-	-	-	-	9,595	150	-
											2,511,260	93,000	-
Strishock Coal Co.													
Strip Permit No. 214-8	Clearfield	Mid. & Lo. Kitt.	28	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 214-13	Clearfield	Mid. Kittanning	28	-	-	-	-	-	-	-	106,200	1,065	-
											106,200	1,065	-
Teeter Coal Co., John													
Strip Permit No. 147-6	Clearfield	Mid. Kittanning	24	-	-	-	-	-	-	-	420,000	56,700	-
Strip Permit No. 147-7	Clearfield	Lo. Freeport	12	-	-	-	-	-	-	-	-	-	-



## District 46

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam	Inches	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permissible (Name)	
					: Shaft:	: Slope	: Drift:	: Lamps	: Type	: Flame	: Elec-	: Ammonium Nitrate			
													: Aver-		: age
					Depth:	Length:	Degrees:	Drift:							
Garden Coal Co., Inc.															
Strip Permit No. 381-4	Clinton	Lo. Kittanning	50	-	-	-	-	-	-	-	-	-	490,150	11,200	-
		Up. Kittanning	20	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 381-5 & 5A	Clinton	Lo. Kittanning	50	-	-	-	-	-	-	-	-	-	340,600	8,100	-

District 46

Operators and Mines	County	Geological Name of Coal Bed	Height of Seam in Inches	Kind of Opening		Shaft	Slope	Average	Pitch	Length	Degrees	Drift	Number and Type		Pounds of Explosives Used		Other Permissible (Name)
													Lamps	Used			
Tamburlin Bros. Coal Co.																	
Strip Permit No. 472-4	Elk	L. Free. & U. Kitt.	40	-	-	-	-	-	-	-	-	-	-	-	255,980	5,170	Pellite*
Strip Permit No. 472-7	Elk	Mid. Kittanning	40														
Vollmer, Lawrence B.																	
Strip Permit No. 442-1	Elk	Lo. Kittanning	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-
District Total															3,943,626	65,315	

\* 32,925 pounds

District 47

Carlisle, Inc., R. S.																	
Strip Permit No. 134-23	Centre	Clarion & Brookville	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elliot Coal Mining Co., Inc.																	
Strip Permit No. 59-25	Centre	Lo. Kittanning	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fisher Mining Co.																	
Strip Permit No. 637-1	Lycoming	Lo. & Mid. Kitt.	48-24	-	-	-	-	-	-	-	-	-	-	-	175,761	1,533	-
Johnson & Morgan																	
Strip Permit No. 490-6	Centre	Brookville & Clarion	20	-	-	-	-	-	-	-	-	-	-	-	905,200	11,358	-
Jones & Brague Mining Co.																	
Strip Permit No. 7-1	Tioga	Morgan	72	-	-	-	-	-	-	-	-	-	-	-	1,056,006	9,483	-
Strip Permit No. 7-15	Tioga	Bloss	32	-	-	-	-	-	-	-	-	-	-	-	97,104	872	-
Strip Permit No. 7-18	Tioga	Seymour	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 7-19	Tioga	Morgan	48	-	-	-	-	-	-	-	-	-	-	-	60,690	545	-
Strip Permit No. 7-21	Tioga	Seymour	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 7-22	Tioga	Seymour	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Strip Permit No. 7-23	Lycoming	Bloss	54	-	-	-	-	-	-	-	-	-	-	-	9,200	170	-
Total															1,223,000	11,070	-
Kristianson & Johnson Coal Co.																	
Strip Permit No. 56-30	Centre	Clarion	22	-	-	-	-	-	-	-	-	-	-	-	60,000	-	-
Moore & Son, Inc., W. O.																	
Strip Permit No. 313-5	Centre	Clarion & Lo. & Mid. Kitt.	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Percival, John																	
Strip Permit No. 1087-1	Tioga	Seymour & Morgan	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Percival, Paul																	
Strip Permit Nos. 131-1 & 3	Lycoming	Lo. Kittanning	40	-	-	-	-	-	-	-	-	-	-	-	316,000	3,750	-



District 47

Operators and Mines	County	Geological Name of Coal Bed	Height: of Seam Inches	Depth: Length:	Kind of Opening			Number and Type			Pounds of Explosives Used			Other Permis- sible (Name)		
					:Shaft:	:Slope:	:Drift:	:Aver- age:	:Pitch:	:Gaseous or: Degrees:	:Open:	:Safety:	:Elec- tric:		:Flame:	:Ammonium Nitrate
Pike Coal Co. Strip Permit No. 430-15 S & D Trucking Co.	Centre	Brookville & Clarion	18-38	-	-	-	-	-	-	-	-	-	-	-		
Strip Permit No. 516-9(A)	Centre	Brookville	34	-	-	-	-	-	-	-	-	3,600	100	-		
Strip Permit No. 516-10	Centre	Brookville	34	-	-	-	-	-	-	-	-	86,000	5,000	-		
										Total		89,600	5,100	-		
Seprish & Urbanick Coal Co. Strip Permit No. 128-6	Centre	Clarion	22	-	-	-	-	-	-	-	-	-	-	-		
Strip Permit No. 128-7	Centre	Lo. Kittanning	14	-	-	-	-	-	-	-	-	-	-	-		
Strip Permit No. 128-8	Centre	Up. Kittanning	22	-	-	-	-	-	-	-	-	-	-	-		
Stott Coal Co., Inc., James M. Strip Permit No. 278-11	Centre	Clarion	48	-	-	-	-	-	-	-	-	600,000	-	-		
Strip Permit No. 278-12	Centre	Brookville	31	-	-	-	-	-	-	-	-	300,000	-	-		
Strip Permit No. 278-13	Centre	Clarion	36	-	-	-	-	-	-	-	-	350,000	-	-		
Strip Permit No. 278-14	Centre	Clarion	24	-	-	-	-	-	-	-	-	314,000	-	-		
										Total		1,564,000	-	-		
										District Total		4,333,561	32,811	-		

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# **BITUMINOUS CLEANING PLANTS AND TIPPLES**





CLEANING PLANTS AND TIPPLES  
1973  
BITUMINOUS COAL REGION

311

Dis- trict	Name	Operator	Location	Zip Code
11	Allegheny No. 2 Cleaning Plant	Penn Allegh Coal Co., Inc.	Millerstown	17062
9	Allison No. 12 Tipple	Allison Engineering Co.	Allison Park	15101
17	Apple No. 4 Tipple	Cambria Mills Coal Co., Inc.	Fallentimber	16639
14	Arcadia No. 43 Tipple	The Arcadia Co., Inc.	Arcadia	15712
1	B & D Tipple	B & D Coal Co.	Harrisville	16038
12	Banning No. 4 Preparation Plant	Republic Steel Corp.	West Newton	15089
17	Belfast No. 14 Plant	Stott Coal Co., Inc.	Philipsburg	16866
9	Belfast Tipple	Hepburnia Coal Co.	Grampian	16838
17	Benjamin No. 3 Cleaning Plant	Benjamin Coal Co.	La Jose	15753
17	Benjamin No. 6 Cleaning Plant	Benjamin Coal Co.	La Jose	15753
9	Benjamin No. 7 Tipple	Benjamin Coal Co.	La Jose	15753
9	Benjamin No. 8 Tipple	Benjamin Coal Co.	La Jose	15753
21	Bird Processing Plant	Island Creek Coal Co.	Riverside	17868
1	Blacksburg Tipple	West Freedom Mining Corp.	Kittanning	16201
23	Blue Lick No. 3 Tipple *	Delta Mining, Inc.	Grantsville, Md.	21536
14	Bostonia Tipple	Ernest C. Dean Contractor	New Bethlehem	16242
9	Boyer Tipple	Boyer Coal Co.	DuBois	15801
1	Boyers Tipple	Western Hickory Coal Co., Inc.	Boyers	16020
17	Bradford Breaker	Johnson & Morgan	Snow Shoe	16874
20	Brookdale No. 77 Cleaning Plant	Bethlehem Mines Corp.	Mineral Point	15942
1	Bruin Tipple	AH-RS Coal Corp.	Bruin	16022
10	Cadogan Preparation Plant	Allegheny River Mining Co.	Cadogan	16212
10	Cadogan Tipple	Rob Coal Co.	Cadogan	16212
23	Cambria No. 1 Tipple	PBS Coals, Inc.	Central City	15926
23	Cambria No. 2 Tipple	PBS Coals, Inc.	Central City	15926
24	Cambria Slope Preparation Plant	Bethlehem Mines Corp.	Ebensburg	15931
23	Cardinal Tipple	Cardinal Mining Co., The	Friedens	15541
9	Carroll Tipple	Lucinda Coal Co.	Lucinda	16235
6	Champion No. 1 Preparation Plant	Pittsburgh Coal Co.	Imperial	15126
8	Clyde Preparation Plant	Republic Steel Corp.	Fredericktown	15333
23	Coal Junction Tipple	Coal Junction Coal Co.	Friedens	15541
19	Colver Cleaning Plant	Eastern Associated Coal Corp.	Colver	15927
14	Colwell Tipple	Colwell Coal Co.	Kittanning	16201
16	Conemaugh No. 1 Cleaning Plant	The North American Coal Corp.	Seward	15954
17	Cooks Run Tipple	River Hill Coal Co., Inc.	Kylertown	16847
9	Culbertson Tipple	H. & G. Coal & Clay Co., Inc.	Shippenville	16254
1	Darlington Tipple	Ralph A. Veon, Inc.	Darlington	16115
13	Daugherty Tipple	Bortz Coal Co.	Uniontown	15401
11	David Cleaning Plant	Canterbury Coal Co.	Maysville	15618
1	Davis Tipple	Miller & McKnight Coal Co.	Sandy Lake	16145
14	Dayton Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
10	Decker Cleaning Plant	B. H. & H., Inc.	Sunnyside	
12	Delmont Cleaning Plant	Eastern Associated Coal Corp.	Hunker	15639
23	Denise No. 1 Tipple	Denise Coal Co.	Somerset	15501
9	Doan Tipple	Doan Coal Co.	Reynoldsville	15851
22	Doe Valley Tipple	Doe Valley Coal Co.	Hooversville	15936
14	Doverspike Bros. Cleaning Plant	Doverspike Bros.	Punxsutawney	15767
9	Eagle Rock No. 10 Tipple	John Teeter Coal Co.	Philipsburg	16866
21	Ehrenfeld Processing Plant	Bethlehem Mines Corp.	Ehrenfeld	15933
17	Elliot Tipple	Elliot Coal Mining Co., Inc.	Osceola Mills	16666
7	Ellsworth No. 51 Cleaning Plant	Bethlehem Mines Corp.	Ellsworth	15331
22	Eureka No. 36 Tipple	Heshbon Coal Co.	Windber	15963
9	Evans Tipple	Mauersberg Coal Co.	Sigel	15860
14	Fetterman Tipple	Fetterman Coal Co.	Glen Campbell	15742
23	Fetterolf No. 1 Tipple	M.F. Fetterolf Coal Co., Inc.	Boswell	15531
23	Fetterolf No. 3 Tipple	M.F. Fetterolf Coal Co., Inc.	Boswell	15531
22	Fetterolf No. 4 Tipple	M.F. Fetterolf Coal Co., Inc.	Boswell	15531
17	Fisher Tipple	Fisher Mining Co.	Williamsport	17701
17	Flango Tipple	Flango Brothers Coal	Houtzdale	16651
16	Florence No. 1 Cleaning Plant	The Florence Mining Co.	Huff	15944
11	Foster No. 65 Cleaning Plant	Leechburg Mining Co.	Brownstown	15630
9	Fryburg Tipple	A. P. Weaver & Son	Fryburg	16326
17	Garden Tipple	Garden Coal Co., Inc.	Pottersdale	16871
14	Glenn Tipple	Glenn Coal Co.	Corsica	15860
15	Glenaside Preparation Plant	James Coal Mining Co.	Starford	15777

Dis- trict	Name	Operator	Location	Zip Code
9	Goshen Tipple	R.D. Baughman Coal Co., Inc.	Brookville	15825
13	Grays Landing Dock	J & C Loading Co.	Masontown	15461
19	Greenwich Cleaning Plant	Greenwich Collieries Co.	Garmantown (Indiana Co.)	
1	Grove City Tipple	The Ambrosia Coal & Const. Co.	Edinburg	16116
1	Guthrie Tipple	Clinton Guthrie	Mercer	16137
5	Harmar Cleaning Plant	Harmar Coal Co.	Harmarville	15238
14	Harmon Tipple	Harmon Coal Co.	Dayton	16222
17	Hastings Cleaning Plant	North Cambria Fuel Co.	Spangler	15775
25	Helen Preparation Plant	The Helen Mining Co.	Homer City	15748
17	Heverly Tipple	Empire Coal Co.	Houtzdale	16651
9	Hickory No. 1 Tipple	Thomas Bros. Coal Co.	Grampian	16838
1	Hilliards Preparation Plant	Lakeview Processing Corp.	Hilliards	16040
14	Hillman Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
1	Hillsville Tipple	The Ambrosia Coal & Const. Co.	Edinburg	16116
9	Hoffman No. 3 Tipple	J.E. Hoffman Coal Co., Inc.	Karthaus	16845
12	Hutchinson Preparation Plant	Pittsburgh Coal Co.	Hutchinson	15640
9	Hyland Tipple	Shawville Coal Co.	Shawville	16873
17	Irvona Tipple	C. E. Powell Coal Co.	Blandburg	16619
13	Isabella Cleaning Plant	National Mines Corp.	Isabella	15447
1	Jamisonville Tipple	AH-RS Coal Corp.	Bruin	16022
1	Kincaid Tipple	Black Fox Mng. & Dev. Corp.	Karns City	16041
8	La Belle Preparation Plant	Jones & Laughlin Steel Corp.	La Belle	15150
24	Lancashire No. 20 Cleaning Plant	Barnes & Tucker Co.	Barnesboro	15714
18	Lancashire No. 24 Prep. Plant	Barnes & Tucker Co.	Barnesboro	15714
18	Lancashire No. 25 Prep. Plant	Barnes & Tucker Co.	Barnesboro	15714
9	Lucinda Tipple	Zacherl Coal Co., Inc.	Lucinda	16235
10	Mahoning Creek Cleaning Plant	Carpentertown Coal & Coke Co.	Templeton	16259
7	Maple Creek Preparation Plant	United States Steel Corp.	New Eagle	15067
26	Marianna No. 58 Cleaning Plant	Bethlehem Mines Corp.	Marianna	15345
11	Marion Cleaning Plant	Tunnelton Mining Co.	Saltsburg	15681
14	Markle Preparation Plant	Markle-Bullers Coal Co.	Kittanning	16201
14	Markle Tipple	Harold E. Brocius	Timblin	15778
13	Masontown Dock	J & C Loading Co.	Masontown	15461
6	Mathies Cleaning Plant	Mathies Coal Co.	Courtney	15029
14	McWilliams Tipple	R.E.M. Coal Co., Inc.	Brookville	15825
15	Mears Preparation Plant	Mears Coal Co.	Marion Center	15759
9	Medix Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
17	Militant Smokeless No. 1 Prep.Pl.	Bradford Coal Co., Inc.	Bigler	16825
9	Minns Tipple	Minns Coal Co.	Brockway	15824
9	Mount Carmel No. 2 Tipple	Moshannon Falls Mng. Co., Inc.	Clearfield	16830
13	New Geneva Tipple	Genovese Coal Co.	Farmington	15437
11	North Apollo Tipple	Altmore Bros. Coal Co., Inc.	North Apollo	15673
14	No. 8 PRR Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
21	No. 37 Preparation Plant	GMK Company	Windber	15963
21	No. 37 Refuse	GMK Company	Windber	15963
21	No. 40 Preparation Plant	M. & K. Coal Co.	Scalp Level	15963
21	No. 40 Refuse	M. & K. Coal Co.	Scalp Level	15963
21	No. 40 Upper Processing Plant	Jandy Coal Co.	Windber	15963
13	Old Lock No. 8 Preparation Plant	Utilities Fuel Co.	Masontown	15461
1	Oneida Tipple	North Butler Coal Co.	Butler	16001
15	Parkside Preparation Plant	McIntire Coal Co.	Shelocta	15774
26	Peggs Run Cleaning Plant	Peggs Run Coal Co., Inc.	Shippingport	15077
23	Penn Pocahontas Cleaning Plant	Penn Pocahontas Coal Co.	Garrett	15542
1	Perry-Ross Tipple	Perry-Ross Coal Co.	Sharon	16146
23	Pine Hill No. 2 Tipple	Croner, Inc.	Berlin	15530
17	Pinehill Tipple	Jones & Brague Mining Co.	Blossburg	16912
9	Piney Run Tipple	C. & K. Coal Co.	Clarion	16214
9	Proctor No. 3 Tipple	New Shawmut Mining Co.	Weedville	15868
23	Ralphon No. 2 Tipple	William E. Scurfield	Berlin	15530
21	Redbird Preparation Plant	GMK Company	Puritan	15947
21	Redbird Refuse	GMK Company	Puritan	15947
22	Reitz No. 4 Tipple	Reitz Coal Co.	Central City	15926
17	Renova Tipple	R. S. Carlin, Inc.	Snow Shoe	16874
4	Renton Cleaning Plant	Pittsburgh Coal Co.	Renton	15239
9	Rimersburg Tipple	C. & K. Coal Co.	Clarion	16214
3	Robena Preparation Plant	United States Steel Corp.	Greensboro	15338
23	Rockwood Tipple	Svonavec, Inc.	Somerset	15501
9	Rolling Stone Tipple	River Hill Coal Co., Inc.	Kylertown	16847
1	Rovella Tipple	Kerry Coal Co.	Portersville	16051
17	Rushton Cleaning Plant	Rushton Mining Co.	Philipsburg	16866

Dis- trict	Name	Operator	Location	Zip Code
1	Russellton Cleaning Plant	Republic Steel Corp.	Russellton	15076
21	St. Michael Processing Plant	M. & K. Coal Co.	St. Michael	15951
22	Shade Creek Cleaning Plant	PES Coals, Inc.	Central City	15926
13	Shannopin Cleaning Plant	Jones & Laughlin Steel Corp.	California	15419
17	Shannon Smokeless No. 1 Pre.Pl.	Bradford Coal Co., Inc.	Bigler	15825
23	Shaw No. 7 Tipple	Sanner Bros. Coal Co.	Rockwood	15557
23	Shober Tipple	Decker Construction Co.	Garrett	15542
9	Siegel No. 3 Tipple	Siegel Coal Co., Harold A.	Clarion	16214
17	Snow Shoe Tipple	R. S. Carlin, Inc.	Snow Shoe	16874
22	Solar Fuel Cleaning Plant	Solar Fuel Co., Inc.	Hooversville	15936
7	Somerset No. 60 Clearing Plant	Bethlehem Mines Corp.	Somerset	15501
21	Sonman Processing Plant	Cooney Bros. Coal Co.	Sonman	15946
9	Stahlman Washery	W.P. Stahlman Coal Co., Inc.	Corsica	15829
1	Sunbeam Tipple	Sunbeam Coal Corp.	Boyers	16020
9	Surveyor Tipple	Shawville Coal Co.	Shawville	16873
14	Tait Tipple	R.D. Baughman Coal Co., Inc.	Brookville	15825
24	Tipple & Loading Dock	Ace Drilling Co., Inc.	Summerhill	15958
14	Valier Tipple	P & N Coal Co., Inc.	Punxsutawney	15767
17	Van Tipple	Avery Coal Co., Inc.	Philipsburg	16866
14	Vetica Tipple	Vetica Construction Co.	Ellwood City	16117
4	Warwick No. 2 Cleaning Plant	Duquesne Light Co.	Greensboro	15338
9	Washing Plant	A. P. Weaver & Son	Fryburg	16326
17	Westover Tipple	Kristianson & Johnson Coal Co.	Lanse	16849
14	Widnoon Tipple	R.D. Baughman Coal Co., Inc.	Brookville	15825
1	Willowbrook Tipple	Willowbrook Mining Co.	Grove City	16127
1	Zuck Preparation Plant	Zuck Coal Co., Inc.	Shippenville	16254

\* \* \* \*

NOTE: (\*) No mining - railroad tipple loading only.







# **BITUMINOUS COAL OPERATORS**



## DEPARTMENT OF ENVIRONMENTAL RESOURCES

## BITUMINOUS COAL OPERATORS---YEAR 1973

\* Denotes Operators having strip mines.

# Denotes Operators having auger mines.

@ Denotes Operators having Refuse or Reclaimed Coal.

District	Operator	General Supt.	Address	Zip Code
35	A A Coal Co. *	Robert E. Altmire	R. D. 2, Box 5-B Vandergrift	15690
1-35-36	AH-RS Coal Corp. *	Robert L. Snyder	Box A Bruin	16022
24-42	Ace Drilling Coal Co., Inc. *	Evan L. Jones	P. O. Box 153 South Fork	15956
38	Adams, J. Mervin *	Mervin J. Adams	R. D. 4, Box 113 Punxsutawney	15767
30-36	Allegheny Mineral Corp. *	S. Morrison	P. O. Box 10 Kittanning	16201
10	Allegheny River Mining Co.	K. B. Dinger	132 N. McKean St. Kittanning	16201
34	Allied Asphalt Co., Inc. @	P. K. Evans	P. O. Box 10838 Pittsburgh	15236
37	Allied Fuel & Materials, Inc. *	Mac Chutz	467 New Castle Slippery Rock	16057
9-36	Allison Engineering Co. *#	R.O. Murphy, Jr.	Rt. 8-Burchfield Allison Park	15101
34	Aloe Coal Co. *	Henry Vincent	Box 50 Imperial	15126
11-34	Altmire Bros. Coal Co., Inc. *	Harold Altmire	Box 236 No. Apollo	15673
41	Alumbaugh Coal Corp. *	Edward Alumbaugh	R. D. 2 Friedens	15541
1-30-31	Ambrosia Coal & Const. Co. *	Kenneth Shick, Jr.	R. D. 1 Edinburg	16116
43	Anderson Creek Coal & Clay *	James A. Poff	P. O. Box 60 Flourtown	19031
34-35	Ankerly, Donald *	Donald Ankerly	Shelocta	15774
12-34	Ansell, Earl *	Frank Ansell	R. D. 1, Box 79 Scottdale	15683
34	Apex Co., Inc. *	Edward Gilmore	4th & Border St. W. Elizabeth	15088
14-39	Arcadia Co., Inc., The *#	Andrew Stossel	Box 3 Arcadia	15712
17	Associated Drilling Co., Inc.	Milford Kephart	1106 First Nat'l Johnstown	15901
17-44	Avery Coal Co., Inc. *	Richard D. Thomas	P. O. Box 232 Philipsburg	16866
1-30-37	B & D Coal Co. *	Chester Barr	Box 274 Harrisville	16038
30-35	B & G Construction Co., Inc. *#	Blaney W. Bowser	MR 10 Kittanning	16201
10-35	B. H. & H., Inc. *	Henry E. Bartony	Ford Cliff	16228
41	Badger Coal Co., Inc. *	Frank Polenik	525 Swank Bldg. Alverda	15710
18-24	Barnes & Tucker Co.	Chester R. Maberry	1912 Chestnut Av. Barnesboro	15714
22	Barton, Samuel	Samuel Barton	R. D. 1 Six Mile Run	16679
33	Bartoni Coal Co. *	Domenic Bartoni	R. D. 2 Smithfield	15478
9-14-35-38	Baughman Coal Co., Inc., R.D. *	Melvin S. Reitz	P. O. Box 218 Brookville	15825
40	Beachy & Beachy Coal Co. *	Milton Beachy	R. D. 1, Box 274 Salisbury	15558
39	Beilchick Brothers *	Paul Beilchick	R. D. 2 Barnesboro	15714
7	Bell, Ewing	Ewing Bell	961 Cross St. California	15419
42	Bender Coal Co., E.P. *	Edward P. Bender	R. D. Carrolltown	15722
9-17-39-	Benjamin Coal Co. *	David J. Benjamin	R. D. 1 La Jose	15753
42-43-44-45				
39	Bennett, W. R. *	W. R. Bennett	R. D. Homer City	15748
46	Bennetts Coal Co. *#	William DeSalve	Penfield	15849
7-19-20-	Bethlehem Mines Corp.	E. J. Korber	P. O. Box 29 Ebensburg	15931
21-24-26				
33	Betty Louise Coal Co. *	W. R. Kelley	P. O. Box 305 Smithfield	15478
41	Bigan, John E. *	J. E. Bigan	200 Cherry Lane Johnstown	15904
42	Bigan Coal Co., M.H. *	M. H. Bigan	R. D. 1, Box 273 Windber	15963
34	Bituminous Processing Co. @	August Englehardt	150 W. Beau St. Washington	15301
40	Black Diamond Coal Co. *	George Morocco	R. D. 1 Somerset	15501
1-30-35	Black Fox Mng. & Dev. Corp. *	Walter Barnhart	Box F Karns City	16041
22	Bloom, Jr., Ralph	Ralph Bloom, Jr.	R. D. 1 Holsopple	15935
32	Bologna Mining Co. *	Ray Bologna	Box 309 Burgettstown	15021
13-33	Bortz Coal Co. *	Geo. H. Bortz III	63 N. Beeson Av. Uniontown	15401
9-38	Boyer Coal Co. *	William P. Boyer	206 E. Sherman DuBois	15801
39	Bozzo, Inc., Frank B. *	Joseph F. Bozzo	P. O. Box 128 Bridgeville	15017
17-44-45	Bradford Coal Co., Inc. *	C. E. Morris	Bigler	16825
41	Brant Coal Co., Inc. *	Franklin Brant	R. D. 2 Friedens	15541
4	Bren-Mar Minerals	H. S. Gugliotta, Jr.	Dilliner	15327
34	Bridge Coal Co., Inc. *	Ronald C. Bridge	Box 245 Wilpen	15694
14	Brocius, Harold E.	Harold E. Brocius	Timblin	15775
44	Brown Co., Earl M. *	Gerald F. Krisher	Box 767 Clearfield	16830
34	Brown Coal Co., Inc., C. W. *	C. W. Brown	Box 23 Whitney	15693
13	Brownsville Welding Co.	Donald N. Hudak	76 Williams St. Brownsville	15417
38	Brubaker Bros. Coal Co. *	J. O. Brubaker	302 W. DuBois Av. DuBois	15801
35	Bryar Construction Co. *	E. B. Armitage	311 N. Second St. Apollo	15613
3	Buckeye Coal Co., The	Floyd B. Aliucci	Box 158 Nemacolin	15351
33	Buncic, John *	John Buncic	R. D. 3 Smithfield	15478

318	District	Operator	General Supt.	Address	Zip Code
9-36		C. & K. Coal Co. *	Jack Hellman	Box 69	Clarion 16214
41		C. & P. Coal Co., Inc. *	Michael Pelesky		Boswell 15531
22		Cairnbrook Coal Co., Inc.	Henry Vehovic	Box 86	Alverda 15710
38		Calhoun, Dwight M. *	Dwight M. Calhoun	R. D. 1	Brockway 15824
17-43		Cambria Mills Coal Co., Inc. *	T. Merle Apple	R. D.	Fallentimber 16639
11		Canterbury Coal Co.	Mario Fassio	Drawer R	Avonmore 15618
33		Carbonara, Carl *	Carl Carbonara	R. D. 4, Box 604-A	Uniontown 15401
23-40		Cardinal Mining Co., The *	Dale Testa	Box 127	Friedens 15541
17-45-46-47		Carlin, Inc., R. S. *	R. S. Carlin		Snow Shoe 16874
31		Carlson Mining * #	Jack Carlson	R. D. 6, Box 267	New Castle 16101
10-35		Carpentertown Coal & Coke * #	David G. Batistig	Box 218	Templeton 16259
36		Carroll, Patrick *	Patrick Carroll	Box 153	Lucinda 16235
45		Central Coal Co. *	Donald J. Jury		Curwensville 16833
44		Centre Fuel & Mineral *	Richard Turner		Philipsburg 16866
32-33		Chess Coal Co. *	Larry Chess	R. D. 1, Box 151	Smithfield 15478
15		Chestnut Ridge Mining Co.	Robert Dougherty		Clymer 15728
18		Clearfield Clay Products *	R. K. Longfritz	Box 1110	Clearfield 16830
45		Clearfield Limestone Corp. *	Joseph W. Michaels	620 Tyler Ave.	Clearfield 16830
13		Coal Energies, Ltd.	James A. Frazier	Drawer K	Uniontown 15401
23-40		Coal Junction Coal Co. *	J. M. Lynch	R. D. 1	Friedens 15541
14		Colwell Coal Co.	Frank Koladish	Keystone Bldg.	Kittanning 16201
35		Compass Coal Co., Inc. *	D. J. White	242 W. Mahoning	Punxsutawney 15767
46		Confer Brothers *	Irvin L. Confer	Box 471	Milesburg 16853
42		Cooney Bros. Coal Co. *	Blaine Curtis	Box 246	Cresson 16630
14		Copper Valley Coal Co.	Robt. E. Gilbert	Box 187	Clymer 15728
36		Cotterman Coal Co., W.A. *	W. A. Cotterman	Box 586	Clarion 16214
22		Country Club Coal Co.	Ron Carl	818 12th St.	Windber 15963
8		Crescent Hills Coal Co., Inc.	Dominic Esposto	Box 241	Daisytown 15427
23-40		Croner, Inc. *	Earl D. Croner	204 Broadway	Berlin 15530
15		Crooked Creek Coal Co.	Kerry Mears	R. D. 1	Marion 15759
31		Darlington Brick & Clay Co. *	Harry Papier		Darlington 16115
14		Davis, Claire J.	Claire J. Davis	R. D.	Dysart 16636
14-35-36		Dean Contractor, Ernest C. *	Ronald Dean	Box 161	New Bethlehem 16242
23-40		Decker Construction Co. *	Robert W. Decker	Box 216	Garrett 15542
23		Delta Mining, Inc.	James E. Park	P. O. Box 99	State Line 17263
23		Delta Mining, Inc.	Daniel Resh	P. O. Box 307	Grantsville, Md 21536
30		DeMarsh, Theodore *	Robert Herndon	P. O. Box 144	Forestville 16035
23		Denise Coal Co.	George C. Ries	P. O. Box 371	Somerset 15501
34		Diamond Fuel Co. *	William Fiore	P. O. Box 119	Clairton 15025
41		Diamond T Coal Co. *	Dominic Berlanti	P. O. Box 313	Somerset 15501
32		Dippel & Dippel Coal Co. *	Dale Henderson	23 West Street	Morgantown, W. Va. 26505
15		Dixon Run Coal Co.	G. A. Kephart		Clymer 15759
9-46		Doan Coal Co. * #	David A. Doan	912 Main Street	Reynoldsville 15851
22		Doe Valley Coal Co.	Joseph Benry, Sr.	P. O. Box 95	Windber 15963
40		Doraville Enterprises *	E. K. Wahl, Sr.	R. D. 1, Box 423	Somerset 15501
14-38		Doverspike Bros., Inc. *	James R. Doverspike	R. D. 4, Box 1-D	Punxsutawney 15767
4		Dunkard Mining Co.	Robert Chess		Taylorstown 15365
34		Dunkard Creek Coal, Inc. *	Henry E. Bartory		Ford Cliff 16228
4		Duquesne Light Co.	James E. Elkin		Greensboro 15338
1		Eagal Coal Co.	Ernest Baxter	R. D. 5	Butler 16001
38		East Branch Equipment Co. *	George Krach		Irvona 15147
41		East Ridge Mining, Inc. *	Lynn Boyce	R. D.	Westover 16692
12-19		Eastern Associated Coal Corp.	M. A. Graham	Koppers Bldg.	Pittsburgh 15219
4		Eberhart, George R.	Geo. R. Eberhart	R. D. 2, Box 114	Smithfield 15478
45		Edmunds Contr. & Supply Co. *	Wm. F. Edmunds	Box 26	Frenchville 16836
34		Eidemiller, Inc., Adam *	Wilmer P. Eidemiller	R. D. 8	Greensburg 15601
32		Eighty Four Industries, Inc. *	Franklin S. Gregg	P. O. Box 142	Eighty Four 15330
17-44-47		Elliot Coal Mining Co., Inc. *	Larry Kanour	P. O. Box 25	Osceola Mills 16666
38		Emery, Robert L. *	George Krach	R. D. 1	Brookville 15825
17-43-44		Empire Coal Co. * #	Robert Pollisino	P. O. Box 55	Houtzdale 16651
46		Esquire Fuel Co. *	Ross L. Ferraro	688 Main St.	Brockway 15824
32		Etna Equip. & Supply Co. *	Andrew Hynick	P. O. Box 9515	Pittsburgh 15223
46		Evoock, Peter M. *	Peter M. Evoock	P. O. Box 242	Howard 16841
32		Ewing, Charles W. *	Chas. W. Ewing	P. O. Box 26	Imperial 15126
15		F. P. & K. Coal Co.	Charles Pappal	R. D. 3	Indiana 15701
36		Fairhill Coal Co. *	Grant Hanst	R. D. 3, Box 248	Emonton 16373
14		Fairview Coal Co.	Wm. C. Kennedy	R. D. 4, Box 19D	Punxsutawney 15767
39		Fello, Thomas A. *	Thomas A. Fello	R. D. 1, Box 127	Saltsburg 15681
14-38		Fetterman Coal Co. *	Merle L. Fetterman	R. D. 1	Glen Campbell 15742
22-23-40-41		Fetterolf Coal Co., Inc. M. F. *	George Frazier	P. O. Box 68	Boswell 15531
33		Filiaggi Coal Co. *	Jas. V. Filiaggi	R. D. 4, Box 393	Uniontown 15401
46		Fink & Stackhouse, Inc. *	Frederick E. Fink	2325 Newberry St.	Williamsport 17701
35		Fiore Development Co. *	Elmer Fiore	205 Monongahela	Glassport 15045
34		Fiore, Fred *	Fred Fiore	60 Clover Drive	Pittsburgh 15236



District	Operator	General Supt.	Address	Zip Code
17-47	Fisher Mining Co. *	John Blaschak	901 Market St.	Williamsport 17701
1	Fisher Mining Co., C. A.	C. A. Fisher	R. D. 1	Stoneboro 16153
17-43-44	Flango Bros. Coal *	Salvatore Flango	R. D. 1	Houtzdale 16651
15-16	Florence Mining Co., The	Michael A. Rocker	P. O. Box 351	Seward 15954
32	Ford & Gaskill *	Arch F. Rose		Greensboro 15338
34	Fox, H. E. *	Darwin W. Miller	P. O. Box 306	Greensburg 15601
45	France Refractories Co., J.H.*	Joseph Radomsky		Snow Shoe 16874
33	Fryske & Nole Coal Co. *	Walter F. Fryske	744 Speer St.	Belle Vernon 15012
21	GMK Company @	Anthony Joseph, Jr.	130 Southmont Bl.	Johnstown 15905
23-41	G.M.&W. Coal Co., Inc. *	C. K. Crotsley	P. O. Box 99	State Line 17263
35	Galando, Joseph *	Joseph Galando, Jr.	R. D. 2	N. Alexandria 15670
44	Gallagher Coal Co. *	John Gallagher		Sandy Ridge 16677
18	Garay Coal Co.	William Garay	Box 354	Elmora 15737
17-46	Garden Coal Co., Inc. *	Leonard C. Learish		Pottersdale 16871
26	Gateway Coal Co.	J. S. Hubbard	3 Gateway Center	Pittsburgh 15320
36-38	Gearhart, Alvin *	Alvin Gearhart	Juniata St.	DuBois 15801
40	General Refractories Co. *	James F. McClure		W. Decatur 16878
13-32-33	Genovese Coal Co. *	Theodore Genovese	Box 305	Farmington 15437
14-38	Glenn Coal Co. *	W. Perry Glenn	R. D. 1	Corsica 15860
9-45	Glen Irvan Corp. *	Irvan Stoker	R. D. 1	Sidman 15955
40	Glessner Mines, J. S. *	J. S. Glessner	R. D. 2	Somerset 15501
41	Glessner Mines, R. H. *	R. H. Glessner, Jr.	R. D. 2	Somerset 15501
15	Glory Coal Co., Inc.	John Polenik	R. D. 2	Clymer 15728
41	Godin, Joseph *	Joseph Godin	Box 216	Stoystown 15563
40	Godin, Jas. S. & Goden, H.E.*	Harold E. Goden	R. D. 2	Boswell 15531
37	Goetz Coal Co., W. O. *	Wm. O. Goetz	Box 363	Seneca 16346
34	Gorr, Richard *	Richard Gorr	R.D. 1, Box 333	Elizabeth 15037
33-34	Green, Inc., Walter *	J. E. Green	R.D. 1, Box 158	Scottdale 15683
45	Green Refractories Co., A.P.*	R. F. Goodrich	P. O. Box 68	N. Bethlehem 16242
19	Greenwich Collieries Co.	Geo. Trevorrow	P. O. Box 367	Ebensburg 15931
22	Grela Coal Co.	Walter G. Grela	2812 Jackson Av.	Windber 15936
34	Grimm Coal Co. *	Luther J. Grimm	806 W. Main St.	Mt. Pleasant 15666
30	Grove City Construction Co.*	Carl Potter	Box 423	Harrisville 16038
30	Grove City Limestone Co. *	Walter R. Fowler		Branchton 16021
1	Guthrie, Clinton	Clinton Guthrie	400 North St.	Grove City 16127
32-35	Gysegem Enterprises, Inc. ##	Leon Gysegem	R.D. 1, Box 23C	Charleroi 15022
32	H. & E. Coal Co. *	Walter Haass	Box 121, R.D. 1	Smithfield 15478
9-36-38	H. & G. Coal & Clay Co., Inc.*	James Uzmoek	Box 245	Clarion 16214
35	H & R Coal Co. *	L. Earl Cravener	212 N. Jefferson	Kittanning 16201
34	Hall & Hall, Inc., J.M.&J.M.Jr.*	J. M. Hall, Jr.		Murrysville 15668
44	Halsey Contracting Co., Inc.*	Jas. I. Cofer, Sr.		Philipsburg 16866
44	Hamer, Ardell B. *	Ardell B. Hamer		Wallaceton 16876
44	Hamilton Contracting Co., Al *	George Myers	R.D. 1, Box 41	Woodland 16881
38	Hamilton Mining Co. ##	Chas. Bertamini	120 Church St.	Punxsutawney 15767
43	Hamlin Coal Co., Inc. ##	Fred H. Lantz	P. O. Box 145	Shawville 16873
33-45	Harbison-Walker Refrac. Co.*	C. H. Krey	2 Gateway Center	Pittsburgh 15222
35	Harman Co., Inc., Paul C. *	Paul C. Harman	R. D. 1	Fairmount City 16224
5	Harmar Coal Co.	David D. Eyer	Box 500	Library 15129
14-35-38	Harmon Coal Corp. ##	J. J. Harmon		Dayton 16222
21	Harmony Mining Co.	Milford Kephart	1106 1st Nat'l	Johnstown 15905
34-39	Hawk Bros. Contracting Co.*	Fred B. Hawk	R.D. 1, Box 14-A	Adrian 16210
25	Helen Mining Co., The	George Fraicola	P. O. Drawer D	Homer City 15748
25	Helvetia Coal Co.	R. I. Billings	655 Church St.	Indiana 15701
9-43-45	Hepburnia Coal Co. *	R. G. Spencer	R. D. 1	Grampian 16838
22-42	Heshbon Coal Co., Inc. *	Francis R. Allison	1309 Midway	Windber 15963
33	Hibbs & Myers Coal Co. *	W. W. Hibbs	43 Foreman Ave.	Uniontown 15401
33	Hill, William L. *	Wm. L. Hill	608 E. Crawford	Connellsville 15425
18	Hillsdale Mining Co.	Norman Cessna	P. O. Box 27	Hillsdale 15746
22	Hiyota Fuel Co., Inc.	Dwight Barron		Jerome 15937
9-45	Hoffman Coal Co., Inc., J.E.*	James E. Hoffman		Zarthauss 16845
44	Holland, Arden W. *	Warren G. Hartman	R. D. 2	Mill Hall 17751
34	Homer City Coal Co. ##	John Raglani	P. O. Box 53	Homer City 15748
35	Houser, Earl O. ##	Earl Houser	R.D. 1, Box 206	N. Bethlehem 16242
35	Houser Coal Co., Inc., W.L. *	Walter L. Houser	R.D. 1, Box 190	Creekside 15732
35	Huff Coal Co. *	Thomas Huff	R. D. 2	Dayton 16222
33	Hustosky, John *	John Hustosky	Box 409	Dunbar 15431
21	Island Creek Coal Co.	George Steel	P. O. Box 271	Tire Hill 15959
13	J & C Loading Co.	James Valentine	220 Cumberland	Masonstown 15461
41	J & R Coal Co. @	William Stefan		Boswell 15531
22-40	J R Sales, Inc. *	William Stefan		Jerome 15937
22	J T Coal Co.	John Toth		Hooversville 15936
37	Jack Bros. Construction Co.*	A. L. Jack	R. D. 1	Eminton 16373
15	James Coal Mining Co.	Walter D. Davis	Box 134	Starford 15777
21	Jandy Coal Co., Inc.	John A. Swick	Box 207	Windber 15963
22	Johnson Co., R. G.	Kenneth Grooms	25 S. College St.	Washington 15301

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17-47	Johnson & Morgan *	D. R. Johnson	Snow Shoe	16874
17-47	Jones & Brague Mining Co. *	Raymond F. Brague	106 Carpenter St. Blossburg	16912
8-13	Jones & Laughlin Steel Corp.	J. S. Hubbard	P. O. Box 608 California	15419
33	Kaiser Refractories *	C. Gentile	Ohio Pyle	15470
38-43	Kann, John *	Harold Swartz	R. D. 2 Punxsutawney	15767
11	Kaskan Coal Co.	George Kaskan	R. D. 2 Vandergrift	15690
43-44	Kasubick Bros. *	Ray Kasubick	Houtzdale	16651
32-33	Kelley Enterprises, Inc. *	Donald E. Kelley	P. O. Box 455 Fairchance	15436
34	Kendi & Sons, Paul W. *	Paul Kendi, Jr.	R. D. 3 Mt. Pleasant	15666
14	Kennedy Coal Co.	Alvin Kennedy, Jr.	R. D. 5, Box 35 Punxsutawney	15767
1-30-31	Kerry Coal Co. * #	Vernon Y. Kerry	R. D. 2, Box 19 Portersville	16051
46	Kettle Creek Corp. *	Raymond Larson	Kylertown	16847
32	King Knob Coal Co., Inc. *	Jesse Anderson	P. O. Box 268 Clarksburg W. Va.	26301
46	Kingland Enterprises *	Kevin Marlowe	Dillsburg	17019
43	Kitko, Francis *	Francis Kitko	P. O. Box 166 Madera	16661
14	Kniseley Coal Co.	F. Caltagarone	P. O. Box 158 Reynoldsville	15851
13	Kovach Coal Co.	Alex Kovach	10 Maple St. Masontown	15461
14	Kraynak Coal Co.	Thomas Kraynak	R. D. Glen Campbell	15742
42	Krieger, James *	James Krieger	R. D. Saxton	16678
17-42-43-45-47	Kristianson & Johnson Coal Co. *	Donald H. Johnson	Lanse	16849
33	Krulock, Steve *	Steve Krulock	R. D. 3, Box 108 Uniontown	15401
32	Kuhor, Mike *	Mike Kuhor	Box 73 Bentleyville	15314
34	Kutsenkow, George *	Geo. Kutsenkow	P. O. Box 69 Clairton	15025
35	L & E Const. & Equip. Co., Inc. *	Edward L. Echnoz	R. D. 7 Kittanning	16201
9	Lady Jane Collieries, Inc.	Paul Hineman	Box 130 Philipsburg	16866
1	Lakeview Processing Corp.	Paul Deliere	Box 283 Hilliards	16040
39	Lamkie Coal Co., Inc. *	Wm. Lamkie, Jr.	Glen Campbell	15742
44	Lansberry Coal & Exc. Co. *	J. B. Lansberry	R. D. 1 Woodland	16881
41	Lasky Construction Co., Inc. *	Stanley Lasky	922 Sunnehanna Johnstown	15905
34	Latimer Brothers *	Dale Latimer	P. O. Box 292 N. Alexandria	15670
13	Laurita Coal Co.	James Laurita	P. O. Box 188 Point Marion	15474
39	Leasure Coal Co. *	Robert Leasure	R. D. 3 Indiana	15701
39	Leasure Coal Co., R. L. *	Robert Leasure	R. D. 3 Indiana	15701
42	Lechene Coal Co. *	Leo L. Lechene	R. D. 1, Box 364A Patton	16668
11	Leechburg Mining Co.	Raymond Renock	Box 586 Leechburg	15656
44	Long Coal Co., A. W. *	William Long	Philipsburg	16866
21	Longwall Mining, Inc.	George Ledney	Windber	15963
11	Loyal Creek Coal Co.	Robt. W. Helfer	Box 200 Slickville	15684
30	Lucas Coal Co. * #	A. J. Lucas	400 North St. Grove City	16127
9-36	Lucinda Coal Co. *	Patrick Carroll	Box 153 Lucinda	16235
33	Luzerne Coal Corp. *	Wayne D. Wilson	Box 50 East Millsboro	15433
21-42	M & K Coal Co. @	John E. Meehan, Sr.	130 Southmont Bl. Johnstown	15901
39	M & S Mining, Inc. *	Andrew H. Smith	R. D. 3, Box 64 Blairsville	15717
15	M. Y. Coal Co.	Rocco Yanity	111 East Pike Indiana	15701
22	Manion Coal Co., Inc.	Don B. Holsoapple	Box 131 Holsoapple	15935
35	Manor Minerals, Inc. *	Wm. F. Stitt	265 S. Jefferson Kittanning	16201
9	Manor Mining & Contr. Corp.	Edward Hull	Bigler	16825
32	Mark IV Coal Co. *	Grover Fitchett	1537 Pearlman Av. Westover W. Va.	
14-35-38	Markle-Bullers Coal Co. *	Charles E. Powell	Keystone Building Kittanning	16201
39	Marion Center Mining Co. *	R. E. Kinter	Marion Center	15759
46	Marlowe Mining Co. *	Kevin Marlowe	141 S. Chestnut Dillsburg	17019
35-36	Martin Coal Co., James * #	James E. Martin	R. D. 1 Templeton	16259
6	Mathies Coal Co.	Henry Powaser	Box 500 Library	15129
30	Mathieson Coal Co., T. B. *	Edwin R. Drennen	917 Columbia Av. Grove City	16127
9-36	Mauersberg Coal Co. *	R. J. Mauersberg	Sigel	15860
36	Mays Coal Co. *	James A. Mays, Jr.	Box 447 Clarion	16214
25	McCracken, Dan	Dan McCracken	W. Lebanon	15783
45	McDonald Coal Co. *	Fahy W. McDonald	Box 104 Grampian	16838
44	McGovern Coal Co. *	Clair C. McGovern	Karthauss	16845
15-35	McIntire Coal Co. *	Ronald G. McIntire	R. D. 1 Kittanning	16201
15-39-43	Mears Coal Co. * #	Earl Bence	R. D. 1 Marion Center	15759
31	Medusa Cement Co. *	Walter Kirkwood	P. O. Box 37 Wampum	16157
34	Mehr, Emil W. *	Emil W. Mehr	939 Sunset Dr. Greensburg	15601
33	Menallen Coke Co. *	Max Nobel	Box 458 New Salem	15468
5	Micale, Joe @	Joe Micale	Box 7 Rural Ridge	15075
33	Michael Coal Co. *	Jefferson Rhodes	Rices Landing	15357
32	Midway Coal Co. *	David Aloe	Box 241 McDonald	15057
36	Miles, Clyde *	Steve Miles	R. D. 2 Summerville	15864
1-30	Miller & McKnight Coal Co. *	Gary McKnight	R. D. 2 Slippery Rock	16057
43	Minds Coal Co. *	J. Arthur Minds	Ramey	16671
37	Mineral Hill Corp. *	Emil Lucas	558 Beatty St. Grove City	16127
36	Minich Coal Co. *	Daul Minich	R. D. 2, Box 88 Mayport	16240



District	Operator	General Supt.	Address	Zip Code
9-38	Minns Coal Co. *	C. A. Welsh	P. O. Box 5	Falls Creek 15840
39	Monnie, S. C. *	S. C. Monnie	R. D. 1	Glen Campbell 15742
38	Moore Coal Co., Everett *	J. R. Doverspike	R. D. 4, Box 1D	Panxsutawney 15767
47	Moore & Son, Inc., W.G. *	W. A. Johnson	314 N. 4th St.	Philipsburg 15866
35-39	Morchesky Trucking & Exc. Co. *	James Morchesky	R. D. 1	Carrolltown 15722
12	Moremet Coal Co., Inc.	C. H. Moore	111 N. Main St.	Greensburg 15601
9-45	Moshannon Falls Mng. Co., Inc. *	J. R. Woolridge	11 W. Second St.	Clearfield 16830
30	Nastasi, James *	James Nastasi	564 W. Cunningham	Butler 16001
32	NAT Industries, Inc. *	B. Spornak	R. D. 1	Bentleyville 15311
13	National Mines Corp.	J. J. Raves		Isabella 15447
9-46	New Shawmut Mining Co. *	A. J. Palumbo	406 Church St.	St. Marys 15857
35	Nicholson Run Coal Co. *	E. M. Good	425 Market St.	Kittanning 16201
16	North American Coal Corp., The	F. L. Scott		Seward 15954
25-45	North American Refrac. Co. *	E. R. Swanson		Curwensville 16833
1	North Butler Coal Co.	David Concerne	135 Oneida Val. Rd	Butler 16001
17-35-39-42	North Cambria Fuel Co. *	J. F. Weakland	1st Nat'l Bk. Bldg.	Spanglar 15775
17	North Camp Mining Co.	D. J. Benjamin	R. D. 1	La Jose 15733
33	Oak Run Coal, Inc. *	Frank Sabatine	P. O. Box 576	Uniontown 15401
45	Ogden, Chester A. *	Rhne Ogden	702 S. Second St.	Clearfield 16830
40	Ohler, Leo @	Leo Ohler	R. D. 4	Berlin 15530
34-39	Old Home Manor, Inc. *	R. L. Leasure	R. D. 2	Homer City 15748
15	Oneida Mining Co., The	F. H. Miller, Sr.		Seward 15954
12	Orisik Coal Co.	Frank Orisik	Box 314	Smithton 15479
45	Orlando, Dominick *	Dominick Orlando	211 Curtis St.	Philipsburg 16866
34	Overly, L. W. *	L. Overly	R. D. 1	Mt. Pleasant 15666
33	Ovitsky, Anthony B. *	Joe Kostowski	P. O. Box 712	Mt. Pleasant 15666
46	Owens Coal Mining Co. *	Joseph A. Owens	R. D. 1	Frenchville 16836
22-23-40-41	LPBS Coals, Inc. *	Clark Heist	R. D. 1	Somerset 15501
35	P. & L. Coal Co., Inc. *	Peary Faerster, Sr.	R. D. 3, Box 316A	Ford City 16226
9-14-38-43	L6 P. & N. Coal Co., Inc. *#	D. J. White	242 W. Mahoning	Panxsutawney 15767
11	Partner Coal Co.	Adam Greece	R. D. 4, Box 245	Apollo 15613
38	Pascaret, James *	James Pascaret		Corsica 15829
26	Peggs Run Coal Co., Inc.	Richard Collins	Box 184	Shippingport 15077
39	Peles Coal Co., Inc. *	Joseph Peles		Glen Campbell 15742
37	Pengrove Coal Co. *	Len Chutz	Box 116	Slippery Rock 16057
11	Penn Allegh Coal Co., Inc.	Edward Michaels	R. D. 2, Box 238A	Tarentum 15084
44	Penn Coal Co. *	Ronald Thompson	Box 626	Philipsburg 16866
15	Penn Hill Coal Corp.	Kenneth Leasure	R. D. 3	Indiana 15701
23-40	Penn Pocahontas Coal Co. *	T. E. Light	P. O. Box 248	Garrett 15542
40	Penn Somerset Corp. *	John M. Gould	Box 150	Laurens 15650
42	Pennsylvania Energy Corp. *	J. W. Hirt	3718 Mellon Bk.	Pittsburgh 15219
33	Pennsylvania Mineral Co. *	John R. Slate	500 Lloyd Ave.	Laurens 15650
32	Pennweir Construction Co. *	Pat Arena	401 Penn Ave.	Weirton, W. Va. 26062
47	Percival, John *	John Percival	R. D. 1	Canton 17724
47	Percival, Paul *	Paul Percival	R. D. 1	Canton 17724
1-30-31	Perry-Ross Coal Co. *	Anthony Perry	Box 1163	Sharon 15146
4	Petitte Bros. Coal Co., Inc.	James Barill		Dilliner 15327
32	Petricca Coal Co. *	James Petricca	R. D. 2	Burgettstown 15021
23	Petrosky, Victor	Victor Petrosky	R. D. 4, Box 38	Laurens 15650
36	Phillips, Merle E. *	Merle H. Phillips	R. D. 2, Box 50	Sligo 16255
33-34	Piccolomini, William *	Wm. Piccolomini	213 W. Washington	Connellsville 15404
44-47	Pike Coal Co. *	R. H. Thompson	P. O. Box 407	Philipsburg 16866
5-6-12-26	Pittsburgh Coal Co.	David E. Eyer	Box 500	Library 15129
34-39	Polar Coal Co. *	J. Smeltzer	R. D. 1, Box 403	Greensburg 15601
32-33	Pontorero & Sons Coal Co., Inc. *	Paul Pontorero	231 S. Water St.	Masontown 15461
40	Portage Slag & Cinder, Inc. *	Dominic Bellvia	1005 Main St.	Portage 15946
22	Potochar & Potochar Coal Co.	Joseph Potochar	115 Hoover St.	Hooversville 15936
17-42-43	Powell Coal Co., C.E. *	William Taylor		Blandburg 16619
44	Power Contracting Co. *	James I. Confer, Sr.		Philipsburg 16866
32	Protz Bros. Coal Co. *	Mike Protz	R. D. 2, Box 143A	West Newton 15089
33	Purco Coal, Inc. *#	E. Quatorone	R. D. 2	Monongahela 15063
33	Puskar, John J. *	John J. Puskar	R. D. 1	Dawson 15428
14-36	R.E.M. Coal Co., Inc. *	Amor D. Bullers	233 Main St.	Brookville 15825
35	R & R Coal Co. *#	Robt. E. Altwire	R. D. 2, Box 58	Vandergrift 15690
35-36	Reddinger, Terry *	Dennis Renninger	P. O. Box 58	Distant 16223
39	Red Gap Coal Co. *	Willis D. Gardner	P. O. Box 179	Glen Campbell 15742
44	Reese Bros. *	James Reese		Houtzdale 16651
45	Reese, Philip *	Philip Reese		Karthauss 16845
36	Reichard Paving & Exc., Gene *	Gene Reichard	R. D. 3	N. Bethlehem 16242
22	Reitz Coal Co.	Frank Sesack	509-15th Street	Windber 15963
1-5-8-12	Republic Steel Corp.	J. R. Eaton	Fayette Nat'l Bk	Uniontown 15401
22	Richland Coal Corp.	Ernest Martinage	R. D. 1, Box 434	South Fork 15956
42	Ridge Mining Co. *	Theodore Seskey	R. D.	Ashville 16613

District	Operator	General Supt.	Address	Zip Code
9-17-44-45	River Hill Coal Co., Inc.*	Raymond Larson	Kylertown	16847
10-35	Rob Coal Co. *	Clarence O. Creel	P. O. Box 266	Apollo 15613
35	Robin Coal Co. *#	Fred B. Hawk	R. D. 1, Box 14A	Adrian 16210
10-35	Rochester & Pittsburgh Coal Co. *#	R.I. Billings	655 Church St.	Indiana 15701
33	Rondell Co., The *	Wendell Charles	R. D. 3, Box 536	Monongahela 15063
33	Rose Coal Co., John C. *	John C. Rose	Railroad Street	Dunbar 15431
39	Rosensteel, C. L. *#	C. L. Rosensteel	R. D. 1, Box 118	Saltsburg 15681
32-34	Rosini's, Inc. *	E. P. Pangarsis	R. D. 2	Oakdale 15071
32	Rostosky Coal Co., Joseph *	Joseph Rostosky	R. D. 3, Box 112	Monongahela 15063
44	Roy Coal Co. *	Roy Mays	Olanta	16863
33	Ruane-Arnold Coal *	Maurice J. Ruane	Box 278	Hopwood 15445
13-33	Ruane Coal & Coke Co. *	Jas. L. Ruane, Jr.	Box 485	Fairchance 15436
17	Rushton Mining Co.	Blair Rickard	P. O. Box 589	Philipsburg 16866
44	Ryan Bros. Coal Co. *	Robert Ryan	201 Spruce St.	Clearfield 16830
47	S. & D. Trucking Co. *	Edward B. Hall		Snow Shoe 16874
46	S. & K. Coal & Clay Co. *	Charles E. Smith	940 Central Av.	Renova 17764
38	S. & M. Coal Co. *	Earl McCullough	R. D. 6	Kittanning 16201
40	S & S Coal Co. *	Don Soberdash	154 Broadway	Connellsville 15425
34-35	S & S Coal Co., Inc. *	J. Merle Smith	R. D. 1	Avonmore 15618
32	Sang Coal Co. *	Jas. V. Filiaggi	R. D. 4, Box 393	Uniontown 15401
23-40	Sanner Bros. Coal Co. *	Robert Sanner	R. D. 1	Rockwood 15557
23-40-41	Scurfield, William E. *	Buhl A. Black	226 Main Street	Berlin 15530
30	Sechan Limestone Ind., Inc.*	Robt. C. Sechan, Jr	R. D. 1	Portersville 16051
12	Sekora III, John P.	J. P. Sekora III	P. O. Box 200	Luxor 15662
39	Selected Fuels, Inc. *	L. W. Kuntz	P. O. Box 121	Ramey 16671
47	Seprish & Urbanick Coal Co.*	Joseph Urbanick	Park Avenue	Snow Shoe 16874
22	Shade Valley Coal Co.	Harry D. Kinney	Box 71	Windber 15963
40	Shafer, Walter F. *	Walter F. Shafer		Listonburg 15457
41	Shaffer, Myron *	Myron Shaffer	801 Shady Lane	Windber 15963
43-44-45	Shale Hill Coal Co. *	Edward Spencer		Grampian 16858
9-43-45	Shawville Coal Co. *	William Michaels	P. O. Box 34	Shawville 16873
9-37	Siegel Coal Co., Harold A. *	Harold A. Siegel	320 Liberty St.	Clarion 16214
43	Simca Mining, Inc. *	George Shimchock	405 James St.	Curwensville 16833
39	Sivard Bros. Coal Co. *	Budd E. Siverd	R. D. 1, Box 199	Clymer 15728
40	Slifco Brothers Coal *	John Slifco	R. D. 3	Berlin 15530
35	Smith, J. Merle *	J. Merle Smith	R. D. 1	Avonmore 15618
46	Smith & Rogos Coal Co. *#	Alfred A. Smith	Box 214	Brockway 15824
39	Smith & Sons Coal Co., W.A.*	C. D. Smith		Glen Campbell 15742
38	Snyder Coal Co., Marlin L. *	Marlin L. Snyder	Box 109	Timblin 15778
33	Soberdash Coal & Coke Co.*	A. J. Soberdash	154 Broadway	Connellsville 15424
22-41	Solar Fuel Co. *	Kenneth Ross	P. O. Box 127	Hooversville 15936
33	Southwestern Pa. Natural Res.*	Milton P. Kobaly	413 McKean Ave.	Charleroi 15022
23	Spewock, Theodore	Theodore Spewock	R. D. 5, Box 25D	Latrobe 15650
18	Sponsky, William F.	Wm. F. Sponsky	P. O. Box 307	Elmora 15737
9-36-38	Stahlman Coal Co., Inc., W.P.*	H. Dean Rhodes	P. O. Box 71	Corsica 15829
40	Star Coal Co. *	A. Kukenberger	130 Southmont Bl.	Johnstown 15901
19-42	Starford Coal Corp. * @	Donald Leasure, Jr.	P. O. Box 122	Starford 15777
38-46	Starr Coal Co. *#	Irvan Starr, Jr.		Brockport 15823
35	State Industries, Inc. *	Thomas C. Snyder	P. O. Box 10	Kittanning 16201
32	Steffkovich Brothers *	A. P. Steffkovich	R. D. 2	Avella 15312
24	Stella Maris Coal Co.	Terrence Johnston		Dysart 16636
17-47	Stott Coal Co., Inc. *	James M. Stott	P. O. Box 130	Philipsburg 16866
38-45	Strishock Coal Co. *	Stephen Strishock		Brockway 15824
38	Sugar Hill Limestone Co. *	Russell A. Smith		Reynoldsville 15851
1-30	Sunbeam Coal Corp. *	W. L. Harger	P. O. Box 5	Boyers 16020
23-40	Svonavec, Inc. *	Steve Svonavec	R. D. 1	Friedens 15541
44	Swistock & George *	Peter Swistock		Houtzdale 16651
46	Tamburlin Bros. Coal Co. *	George Tamburlin	R. D. 1	Brockport 15823
33	TeDesco Coal Co. *	Wm. K. TeDesco	P. O. Box 143	Wyano 15695
9-45	Teeter Coal Co., John *	John Teeter, Jr.	P. O. Box 72	Philipsburg 16866
2	Tesone Coal Co.	Joseph V. Tesone	P. O. Box 35	Wildwood 15091
9-45	Thomas Bros. Coal Co. *	J. Thomas		Grampian 16838
44	Thompson Coal Co., Inc., J.A.*	Wallace Smith	P. O. Box 967	Clearfield 16830
31	Thompson Mining Co. *	Duane Burt	R. D. 1	Springfield, Ohio
41	Three S Coal Co. *	Millard R. Swank		Stoystown 15563
30	Tiche Limestone & Const. Co.*	Zetta Tiche	R. D. 1	Boyers 16020
35	Toy, Edwin W. *	Edwin W. Toy	R. D. 3	Kittanning 16201
8-32	Tremont Mining Co. *	Edward Baker	188 Arlington Av.	Charleroi 15022
23	Trent, Bruce W.	Bruce Trent	R. D. 1	Friedens 15541
11	Tunnelton Mining Co.	Wm. D. Weimer	P. O. Box 327	Ebensburg 15931
32	Twilight Industries *	Howard Detwiler	527 Broad Ave.	Belle Vernon 15012
1	Union Carbide Corp.	G. Saunders	P. O. Box 338	Saxonburg 16056
3-7-13	United States Steel Corp.	E. L. Baker	600 Grant Street	Pittsburgh 15230
13	Utilities Fuel Co.	Telio Packroni	P. O. Box 788	Masontown 15461



District	Operator	General Supt.	Address	Zip Code
15	Valley Coal Co., Inc.	Edward G.Vehovic	P. O. Box 86	Alverda 15710
36	Vantage Coal Corp. *	Ted Wheeler	P. O. Box 69	Clarion 16214
1-31	Veon, Inc., Ralph A. *	Ralph A. Veon	P. O. Box 326	Darlington 16115
14-38	Vetica Construction Co. *	Walter Stelter	509 Morningstar	Elwood City 16117
20	Vinton Coal Co.	Steve Lonesky	P. O. Box 441	Vintondale 15961
46	Vollmer, L. B. *	Lawrence B.Vollmer		St. Marys 15857
36	W. & M. Coal Co. *	Ronald Weaver	R. D. 3	N. Bethlehem 16242
41	W W Coal Co. *	Willard C. Will	R. D. 1	Central City 15926
42	Weakland Bros. *	Paul J. Breth	205 Ross St.	Pittsburgh 15219
34	Weaver, Joseph *	Robt. E. Altmire	Grandview Village	Greensburg 15601
9-37	Weaver & Son, A. P. *	A. P. Weaver		Fryburg 16526
39	Weimer, John *	John Weimer	MR 1	Saltsburg 15681
1-30-35	West Freedom Mining Corp.##	Russell W.Haller	P. O. Box 169	Kittanning 16201
32-33	West Penn Coal & Const. Co.*	Marion Palone,Sr.	R.D.1,Dry Tavern	Rices Landing 15357
1-30	Western Hickory Coal Co.,Inc.*	Harry W. List	R. D. 1	Boyers 16020
33	Whyel Coal Co. *	Harry W. Whyel	59 Hillcrest Lane	Uniontown 15401
4	Williamson Shaft Contr.,Inc.	Vere E. Pifer	207 Fairmont Ave.	Fairmont,W.Va. 26554
1-30	Willowbrook Mining Co. *	James Sartori	1005 W.Ketler Dr.	Grove City 16127
36	Wilson, John N. *	John N. Wilson		Shippenville 16254
41	Windber High Standard Coal *#	Dean Krise	1203 Graham Ave.	Windber 15963
37	Winger Coal Co.,Inc. *	Clair E.Winger	R. D. 6	Mercer 16137
44	Winters Construction,Melvin *	Melvin Winters	R. D. 1	Osceola Mills 16666
17	Wittig, Arthur	Arthur Wittig	R. D. 1	Monroeton 18832
35	Wolcott, Dale M. *	Bruce Wolcott	315 S. 5th St.	Indiana 15701
30	Wright, Inc., Grant R. *	Grant R.Wright	P. O. Box 194	Fombell 16123
9-36	Zacherl Coal Co., Inc. *	Raymond Zacherl		Lucinda 16235
41	Zubek & Yantus *	Steve Yantus		Central City 15926
1	Zuck Coal Co., Inc.	John H. Lauffer		Shippenville 16254

\* \* \*



# DIRECTORY





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES

327

Maurice K. Goddard Secretary	2nd Floor Evangelical Press Bldg.	P. O. Box 1467 Harrisburg	17120	717-787-2814
Wesley E. Gilbertson Deputy Secretary for Environmental Protection & Regulation	9th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-5027

OFFICE OF MINES AND LAND PROTECTION

Walter N. Heine Associate Deputy Secretary	9th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-4686
Jack H. Viets, Chief Administrative Services	9th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-8193
Catherine Miles Statistical Supervisor Administrative Services	6th Floor	P. O. Box 2063	17120	717-787-4876

Bureau of Deep Mine Safety

Walter J. Vicinelly Director	6th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-1376
James J. Shoher, Jr. Anthracite Regional Mine Safety Director	Motor Contracts Corp. Bldg. 108 S. Claude A Lord Blvd.	Pottsville	17901	717-622-8181 Ext. 360
Dennis J. Keenan Bituminous Regional Mine Safety Director	The Prave Building 122 South Center Street	Ebensburg	15931	814-472-7191

Dis-  
trict

Anthracite Deep Mine Inspectors

5	A. A. Joyce	Box 184, R. D. #2	Elysburg	17824	717-672-2489
6	L. W. Rogers	837 Spruce Street	Kulpmont	17834	717-373-3942
7	C. E. Kashner	904 W. Spruce Street	Shamokin	17872	717-648-3792
8	Leon Brass	107 S. Walnut Street	Mt. Carmel	17851	717-339-4152
9	L. W. Rogers, Acting	837 Spruce Street	Kulpmont	17834	717-373-3942
10	Joseph Halaburda	230 S. Wylam Street	Frackville	17931	717-874-1163
11	A. E. Hand	West Main Street	Hegins	17938	717-682-3284
12	C. E. Miller	Wiconisco Avenue	Muir	17957	717-647-9239

Anthracite Electrical Inspectors

Michael J. Polinko	1211 Chestnut Street	Kulpmont	17834	717-373-9449
William Buggy	1539 W. Lynn Street	Shamokin	17872	717-648-0356

Anthracite Mine Rescue and First Aid Instructors

Stephen M. Matsick	617 E. Patterson Street	Lansford	18232	717-645-4256
John J. Steber	234 1/2 E. Kline Avenue	Lansford	18232	717-645-9441

Anthracite Mine Air Testers

Clare W. Wittig	125 E. White Street	Shenandoah	17976	717-462-1627
Edward G. Narcavage	326 N. Fourth Street	Mt. Carmel	17851	717-339-2862

Dis-  
trict

Bituminous Coal Deep Mine Inspectors

1	W. H. Hixon (Office)	R. D. 1	Slippery Rock	16057	412-458-6447
	(Home)	R. D. 1	Carmichaels	15320	412-966-2134
2	W. H. Hixon, Acting	"	"	"	"
3	P. H. Hyatt	245 Bonar Avenue	Waynesburg	15370	412-627-8937
4	E. C. Urbany	1525 Sixth Street	Waynesburg	15370	412-627-5531
5	F. J. Shoaf, Jr. (Office)	449 Third Street	Pitcairn	15140	412-372-7514
	(Home)	524 Old Waynesburg Road	Carmichaels	15320	412-966-7638

Dis-  
trictBituminous Coal Deep Mine Inspectors (Continued)

6	Joseph Reggianni	P. O. Box 111	Webster	15087	412-379-6049
7	S. A. Fredrick	221 Charles Street	Belle Vernon	15012	412-929-5353
8	J. M. Hovanic	111 Water Street	W. Brownsville	15418	412-785-7707
9	G. F. Moody	6 W. Fifth Avenue	Clearfield	16830	814-765-7723
10	C. F. Kelly	247 Meadow Street	Ford City	16226	412-763-7846
11	J. C. Panchura (Office)	P. O. Box 151	Salina	15680	412-697-5221
	(Home)	405 McGovern Road	Houston	15342	412-745-9737
12	J. J. Hunter	1 Lentz Street, Rolling Hills	Irwin	15642	412-863-0363
13	J. M. Muchnok	R. D. 1, Box 376	Hopwood	15445	412-438-0368
14	J. P. Boback, Acting	R. D. 1, Box 20	Sidman	15955	814-487-5796
15	A. S. Gillingham (Office)	P. O. Box 104	Shelockta	15774	412-354-2116
	(Home)	P. O. Box 447	New Eagle	15067	412-258-8740
16	L. D. Kimmel	1237 Washington Street	Indiana	15701	412-465-2873
17	William Garay	Box 354	Elmora	15737	814-948-6062
18	A. L. Shank	R. D. 1, Wise Mobile Terrace #15	Ebensburg	15931	814-472-6558
19	Lawrence Jones	614 W. Ogle Street	Ebensburg	15931	814-472-9282
20	Eno Chellini (Office)	R. D. 1, Box 349M	Mineral Point	15942	
	(Home)	433 W. Church Avenue	Masontown	15461	412-583-2187
21	E. H. Pauley	1100 Cambria Street	Portage	15946	814-736-4427
22	Michael Phillips	P. O. Box 334	Jerome	15937	814-479-4345
23	W. L. Reynolds	Sunny Acres Mobile Park, R. D. 2, Box 20	Somerset	15501	814-445-4320
24	A. E. Valeri	R. D. 2, Box 87	Ebensburg	15931	814-472-8548
25	R. E. Fulton (Office)	P. O. Box 261	Blairsville	15717	
	(Home)	9 Cedar Street	Masontown	15461	412-583-9266
26	A. M. Pawlosky	R. D. 1	Hickory	15340	412-745-8177
	R. A. Vicinelly	14 Cedar Street	Masontown	15461	412-583-9309

Bituminous Electrical Inspectors

1,2, 5,12	E. C. Houston	340 Washington Street	Springdale	15144	412-274-8435
9,10,11, 14,16	E. R. Shoemaker	217 Marlboro Drive	New Kensington	15068	412-335-0307
6,7, 8,26	J. E. Pringle	P. O. Box 55	Merrittstown	15463	412-246-2022
3,4, 13,23	S. W. Marsinek	500 Pittsburgh Road	Uniontown	15401	412-438-6943
15	E. R. Shoemaker	217 Marlboro Drive	New Kensington	15068	412-335-0307
17	S. W. Marsinek	500 Pittsburgh Road	Uniontown	15401	412-438-6943
18	E. C. Houston	340 Washington Street	Springdale	15144	412-274-8435
19	J. E. Pringle	P. O. Box 55	Merrittstown	15463	412-246-2022
20,21,22, 24,25	J. F. Funka	R. D. 3	McDonald	15057	412-745-8597

Safety Inspector

A. J. Paciga	17 Cedar Street	Masontown	15461	412-583-9452
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Bituminous Mine Rescue and First Aid Instructors

Kenneth R. Laughery	212 Dixon Boulevard	Uniontown	15401	412-437-7991
William P. Caffrey	512 N. Gallatin Avenue	Uniontown	15401	412-438-9218
Charles F. Erickson	1022 Conemaugh Avenue	Portage	15946	814-736-8678
Thomas McClemens	R. D. 3	Stoystown	15563	814-893-5423
Summerhill Mine Rescue Station				814-495-4541
Uniontown Mine Rescue Station				412-438-2582

Bituminous Mine Air Testers

William Harrison	Box 283	Mather	15346	412-883-5255
I. M. King	44 Brown Street	Uniontown	15401	412-438-0323

Bituminous Underground Mine Inspectors  
(Deep Non-Coal Mines)

William M. Smith	151 Sunset Avenue	Pleasant Gap	16823	814-359-2002
John Conroy	302 N. Main Street, Apt. 2	Butler	16001	412-283-1059

William E. Guckert Director	7th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-5103
James Miller, Acting Chief Div. of Mine Drainage Control and Reclamation	7th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-3909
Donald Zutlas, Chief Div. of Licensing and Bonding	7th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-4827
George R. Sterling, Chief Anthracite Surface Mining Sec.	Community Square	Buck Run	17926	717-544-5262
Edward Lancaster Bituminous Inspector at Large (35,36,37,38,43,44,45,46 & 47)	Box 225	Brockway	15824	814-265-2833
Jacob Leighty Bituminous Inspector at Large (30,31,32,33,34,39,40,41 & 42)	R. D. No. 1	Derry	15627	412-694-5117
Robert H. Davis, Chief Division of Explosives	8th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063	17120	717-787-2458

Dis-  
trict

### Anthracite Mine Conservation Inspectors

1	W. A. Sanders	R. D. 2	Dalton	1844	717-563-1945
2	A. J. Latz	9 W. Phillips Street	Coaldale	18218	717-645-5727
3	J. R. Ruane	928 N. Washington Street	Shamokin	17872	717-648-0262
4	W. D. Maurer	25 Vaux Avenue	Tremont	17981	717-695-3672

## Bituminous Mine Conservation Inspectors

30	Merle Urey	529 N. Center Avenue	Grove City	16127	412-458-8773
31	Herbert Strum	4466 Ellwood Road	New Castle	16101	412-758-7061
32	William Cherry	R. D. No. 3	McDonald	15057	412-745-6626
33	James King	Box 3	Chiopyle	15470	412-329-5935
34	William Sray	R. D. No. 2, Box 210	McDonald	15057	412-221-7197
35	Bernard Snyder	R. D. No. 2	Kittanning	16201	814-257-8854
36	Charles Speelman	Box 581	Clarion	16214	814-226-6533
	(*)Andrew Colberg	258 Poplar Avenue	Dayton	16222	814-257-8448
37	Virgil Ordway	Crescent Avenue	Clarion	16214	814-226-7623
38	Theodore Castner	Box 58	Corsica	15829	814-379-3416
39	John Serian	51 Main Street	Rossiter	15772	814-938-7763
40	Paul Serfass, Acting	426 Center St., Box 67	Boswell	15531	814-629-9580
41	John Moore	P. O. Box 248	Windber	15963	814-467-5171
42	James Wise	Main Street	St. Michael	15951	814-495-4295
43	Charles Hicks	R. D.	Grampian	16838	814-236-1369
44	Nile Linberg	Box 78, R. D. No. 2	Philipsburg	16866	814-342-3221
45	Wayne Morrison	301 Whitmer Street	Clearfield	16830	814-765-2239
46	Gary Tamburlin, Acting	R. D. No. 1, Box 146	Kersey	15846	814-885-8765
47	Bryce Putman	511 Cricklewood Drive	State College	16801	814-234-3219
	George Wingard	R. D. No. 1	Shippenville	16254	814-782-3443
	John T. Bates	P. O. Box 361	Ligonier	15658	412-238-4356

(\*) C & K Coal Company's operations.

## Bureau of Land Protection

Donald Lazarchick Director	9th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-9870
Samuel Cortis, Chief Div. of Mine Subsidence Regulation	203 S. Washington Road	McMurray	15317	412-941-7100
Anthony P. Mazza, Chief Div. of Mine Subsidence Insurance	8th Floor Fulton Nat'l Bk. Bldg.	P. O. Box 2063 Harrisburg	17120	717-787-5565



Bureau of Land Protection (Continued)

Bruce E. Ziegler, Chief Oil & Gas Division	300 Liberty Avenue Room 1207 State Office Building	Pittsburgh	15222	412-565-5075
Charles H. Updegraff Petroleum Engineer	Port Allegany Road	Coudersport	16915	814-274-9196

Dis-  
trictOil and Gas Inspectors

1 Charles C. Songer	P. O. Box 98	Pittsfield	16340	814-563-7853
2 Howard W. Martin	321 N. Eighth Street	Indiana	15701	412-463-0590
3 John A. Ifft	981 Park Avenue	Washington	15301	412-228-1942
4 William H. Heeter	R. D. 1	Rimersburg	16248	814-473-3876
5 Charles F. Straub	P. O. Box B	DuBois	15801	814-371-4031
6 John H. Gerg	P. O. Box 961	Butler	16001	412-287-0980
7 Leon W. Goble	P. O. Box 469	Grove City	16127	412-458-6661
8 Wm. E. Sleeman	21 Van-Ettan Avenue	Sheffield	16347	814-968-3753
9 Claude A. Olson	P. O. Box 326, 7 West St.	Coudersport	16915	814-274-9827
10 Wm. J. Burns, Jr.	335 N. Barnett Street	Brookville	15825	814-849-2445
11 Richard Walther	630 Southview Drive	Pittsburgh	15226	412-563-3656

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# REPORT OF OIL AND GAS DIVISION



DEPARTMENT OF ENVIRONMENTAL RESOURCES

DIVISION OF OIL AND GAS

ANNUAL REPORT FOR YEAR 1973

<u>NUMBER OF SHEETS</u>	<u>TABLE</u>	
2	1	SUMMARY OF ACTIVITIES FROM 1956 TO 1973 INCLUSIVE
1	2	SUMMARY OF ACTIVITIES BY COUNTIES--(32)
1	3	SUMMARY BY COUNTIES AND TYPE OF WELLS REPORTED DRILLED
29	4	LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES - (367 COMPANIES) (Gas and Oil Companies - 349 - *Coal Companies 18)
3	5	SUMMARY OF ACTIVITIES BY COUNTIES @33 AND 11 INSPECTION DISTRICTS
2	6	LIST OF (11) OIL AND GAS INSPECTORS AND DISTRICTS - NAME AND ADDRESS

@ PORTION OF WARREN COUNTY IN DISTRICTS 1 AND 8

## REPORT OF THE ACTIVITIES OF THE OIL AND GAS DIVISION

TABLE #1

## SUMMARY OF ACTIVITIES

	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>	<u>1973</u>	<u>T O T A L</u> <u>1966 to 1973</u>
1. Drilling Permits Issued in Coal Areas	320	325	299	337	322	342	469	694	6221
2. Drilling Permits Issued Coal Areas Act 359 #	51	24	12	7	16	10	16	11	277
3. Total Wells Coal Areas (Items 1 & 2)	371	349	311	344	338	352	485	705	6498
4. Drilling Permits Issued in Non-Coal Areas	-	-	297	806	914	956	1247	1522	5742
5. Drilling Permits Issued Non-Coal Areas Act 359 #	11	1	2	4	9	12	37	61	333
6. Total Permits Issued (Items 3, 4, & 5)	382	350	610	1154	1261	1320	1769	2288	12573
7. Reported Wells in Non-Coal Areas - File Numbers Issued	653*	660*	698*	110*	27*	2*	10*	-	8241*
8. Total Wells Non-Coal Areas (Items 4, 5, & 7)	664	661	997	920	950	970	1294	1583	14316
9. Total Wells Coal & Non-Coal Areas (Items 6 & 7)	1035	1010	1308	1264	1288	1322	1779	2288	20814
10. Total Drilling Permits Issued Act 359 (Items 2 & 5) #	62	25	14	11	25	22	53	72	610
11. Drilling Canceled - Permits & Non-Coal File Numbers	82	40	270	158	244	236	169	327	2084
12. Wells Reported Drilled	997	943	1045	985	1009	992	1137	1368	16720
13. Plugging Numbers Issued	564	358	1246	1851	1721	1383	1860	1681	13019
14. Plugging Numbers Canceled	7	22	22	141	119	116	83	180	816
15. Wells Reported Plugged & Abandoned	319	566	485	1723	992	1573	1317	1410	10434
16. Pillar Permits Issued	299	172	175	163	164	105	142	96	2638
17. Pillar Permits Canceled	1	-	1	2	-	-	1	-	19

# Act 359 of 1961 - Oil and Gas Conservation Law, Approved July 25, 1961. Effective Date September 25, 1961.

\* Prior to September 30, 1968, Permits were not required for wells in Non-Coal Areas, except those wells coming within purview of Act 359.

Act 265, Approved July 31, 1968, Effective September 30, 1968 - requires Permits to be issued for all wells.



REPORT OF THE ACTIVITIES OF THE OIL AND GAS DIVISION

TABLE #1

SUMMARY OF ACTIVITIES

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	<u>1964</u>	<u>1965</u>
1. Drilling Permits Issued in Coal Areas	208	334	320	313	296	277	350	320	364	331
2. Drilling Permits Issued Coal Areas Act 359 #	-	-	-	-	-	9	34	43	24	20
3. Total Wells Coal Areas (Items 1 & 2)	208	334	320	313	296	286	384	363	388	351
4. Drilling Permits Issued in Non-Coal Areas	-	-	-	-	-	-	-	-	-	-
5. Drilling Permits Issued Non-Coal Areas Act 359 #	-	-	-	-	-	10	35	51	74	26
6. Total Permits Issued (Items 3, 4, & 5)	208	334	320	313	296	296	419	414	462	377
7. Reported Wells in Non-Coal Areas - File Numbers Issued	642*	678*	744*	495*	643*	467*	445*	532*	782*	653*
8. Total Wells Non-Coal Areas (Items 4, 5, & 7)	642	678	744	495	643	477	480	583	856	679
9. Total Wells Coal & Non-Coal Areas (Items 6 & 7)	850	1012	1064	808	939	763	864	946	1244	1030
10. Total Drilling Permits Issued Act 359 (Items 2 & 5) #	-	-	-	-	-	19	69	94	98	46
11. Drilling Canceled - Permits & Non-Coal File Numbers	-	1	21	29	281	49	8	24	27	118
12. Wells Reported Drilled	375	819	888	799	949	782	766	749	1149	968
13. Plugging Numbers Issued	95	171	176	226	245	268	269	246	372	287
14. Plugging Numbers Canceled	-	2	5	19	9	20	12	21	23	15
15. Wells Reported Plugged & Abandoned	70	130	110	181	237	243	254	204	353	267
16. Pillar Permits Issued	259	195	111	79	105	128	87	108	105	145
17. Pillar Permits Canceled	-	-	-	-	-	-	9	-	2	3

# Act 359 of 1961 - Oil and Gas Conservation Law, Approved July 25, 1961. Effective Date September 25, 1961.

\* Prior to September 30, 1968, Permits were not required for wells in Non-Coal Areas, except those wells coming within purview of Act 359 of 1961.  
Act 265, Approved July 31, 1968, Effective September 30, 1968 - requires Permits to be issued for all wells.

TABLE #2  
SUMMARY OF ACTIVITIES BY COUNTIES  
JANUARY - DECEMBER, 1973

DISTRICT	County	Permits Issued		Permits Issued Non-Coal Areas	Reported Wells Non-Coal Areas	Total		Drilled Canceled	Wells Reported Drilled		Plugging		Wells Reported Plugged & Abandoned		Pillar Permits		DRILLING PERMITS ISSUED ACT 359 of 1961		Total
		Coal Areas	Non-Coal Areas								Issued	Canceled			Issued	Canceled	Coal Areas	Non-Coal Areas	
6	Allegheny	9	-	-	-	9	2	7	7	78	7	1	9	12	-	-	-	-	1
11	Armstrong	78	1	-	-	79	7	7	78	-	8	1	5	34	-	-	3	-	3
6	Beaver	-	-	-	-	-	-	-	-	10	1	-	1	-	-	-	-	-	-
3	Bedford	-	-	-	-	1	-	-	-	-	1	-	1	-	-	-	-	-	-
9	Bradford	-	-	-	-	2	-	-	2	2	2	-	2	-	-	-	2	-	2
6	Butler	5	9	-	-	14	-	-	8	8	7	1	5	-	-	-	-	-	-
2	Cambria	5	-	-	-	5	1	1	4	4	-	-	-	-	-	-	-	-	-
10	Cameron	2	7	-	-	9	3	3	5	5	3	1	3	-	-	-	-	-	7
5	Centre	-	1	-	-	1	-	-	1	1	1	-	1	-	-	-	-	-	1
4	Clarion	5	9	-	-	14	2	2	13	13	19	-	14	-	-	-	1	-	1
5	Clearfield	29	-	-	-	29	1	1	33	33	5	-	5	-	-	-	-	-	1
5	Clinton	-	3	-	-	3	-	-	6	6	4	-	5	-	-	-	-	-	-
7	Crawford	-	26	-	-	26	-	-	14	14	2	-	7	-	-	-	-	-	15
10	Elk	7	18	-	-	25	4	4	26	26	20	1	18	-	-	-	-	-	2
1	Erie	-	12	-	-	12	-	-	6	6	15	9	9	-	-	-	-	-	1
3	Fayette	6	-	-	-	6	2	2	3	3	6	2	7	-	-	-	-	-	3
4	Forest	-	127	-	-	127	23	23	102	102	44	3	16	-	-	-	3	-	1
3	Greene	1	-	-	-	1	-	-	4	4	5	-	5	18	-	-	-	-	2
2	Indiana	481	-	-	-	481	38	38	349	349	13	-	6	5	-	-	-	-	1
10	Jefferson	35	20	-	-	55	14	14	56	56	15	-	19	5	-	-	1	-	1
5	Lackawanna	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
6	Lawrence	-	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
8	McKean	-	361	-	-	361	44	44	238	238	863	127	844	-	-	-	9	-	9
7	Mercer	-	20	-	-	20	-	-	7	7	-	-	2	-	-	-	2	-	2
9	Potter	-	23	-	-	23	8	8	17	17	7	1	15	-	-	-	6	-	6
3	Somerset	2	4	-	-	6	-	-	1	1	1	-	1	-	-	-	4	-	4
9	Susquehanna	-	2	-	-	2	1	1	1	1	1	-	4	-	-	-	2	-	2
9	Tioga	-	7	-	-	7	1	1	5	5	6	-	1	-	-	-	5	-	5
7	Venango	3	572	-	-	575	124	124	235	235	289	1	111	-	-	-	3	-	3
1	Warren (A)	-	353	-	-	353	50	50	102	102	325	31	283	-	-	-	2	-	2
8	Warren (E)	-	3	-	-	3	-	-	2	2	4	-	2	-	-	-	-	-	-
3	Washington	2	-	-	-	2	1	1	2	2	5	1	8	27	-	-	-	-	-
11	Westmoreland	35	-	-	-	35	1	1	31	31	1	-	1	-	-	-	-	-	-
TOTAL		705	1583	0*	2288	2288	327	1368	1681	180	1410	96	11	61	72+				

(\*) Permits were not required for wells drilled in non-coal areas prior to September 30, 1968.  
Act 265, approved July 31, 1968, effective September 30, 1968 - requires to be issued for all wells.  
(+) Included in Total of 2288. Drilling Permits Issued

WAR (A) - Minus - Sheffield Township

WAR (B) - Plus - Sheffield Township

TABLE #3  
SUMMARY BY COUNTIES  
TYPE OF WELLS REPORTED DRILLED  
JANUARY - DECEMBER, 1973

District	County	Total Wells Drilled	Gas	Gas & Oil	Oil	Storage	Intake	Dry	Waste Disposal	Salt Water & Others	Test
6	Allegheny	7	4	-	-	3	-	-	-	-	-
11	Armstrong	78	76	-	-	-	-	2	-	-	-
3	Bedford	10	-	-	-	8	-	1	-	-	1
9	Bradford	2	-	-	-	-	-	2	-	-	-
6	Butler	8	4	-	2	-	-	2	-	-	-
2	Cambria	4	3	-	-	-	-	-	1	-	-
10	Cameron	5	4	-	-	-	-	1	-	-	-
5	Centre	1	-	-	-	-	-	1	-	-	-
4	Clarion	13	8	-	1	-	-	4	-	-	-
5	Clearfield	33	28	-	-	1	-	4	-	-	-
5	Clinton	6	-	-	-	6	-	-	-	-	-
7	Crawford	14	7	4	2	-	-	1	-	-	-
10	Elk	26	17	-	3	1	-	5	-	-	-
1	Erie	6	2	-	-	-	-	4	-	-	-
3	Fayette	3	2	-	-	-	-	1	-	-	-
4	Forest	102	4	8	88	-	-	2	-	-	-
3	Greene	4	-	-	-	4	-	-	-	-	-
2	Indiana	349	347	-	-	-	-	2	-	-	-
10	Jefferson	56	49	-	-	3	-	4	-	-	-
8	McKean	238	10	-	164	-	56	8	-	-	-
7	Mercer	7	2	-	3	2	-	-	-	-	-
9	Potter	17	2	-	-	11	-	4	-	-	-
3	Somerset	1	-	-	-	-	-	1	-	-	-
9	Susquehanna	1	-	-	-	-	-	1	-	-	-
9	Tioga	5	-	1	-	1	-	3	-	-	-
7	Venango	235	5	4	215	-	4	2	-	-	5
1	Warren (A)	102	-	-	96	-	3	2	-	-	1
3	Washington	2	1	-	-	-	-	1	-	-	-
11	Westmoreland	31	31	-	-	-	-	-	-	-	-
8	Warren (B)	2	-	-	2	-	-	-	-	-	-
TOTAL		1368	606	17	576	40	63	58	1	-	7

Warren (A) - Minus - Sheffield Township  
Warren (B) - Plus - Sheffield Township

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
1	WAR	2	-	2	-	-	-	-	Albaugh, Ray A.	c/o Mrs. H. L. Copeland 22 Kinnear St., Kittanning, Pa. 16351
11	ARM	1	-	1	-	-	-	-	Alcove Investments	P. O. Box 27, Kittanning, Pa. 16201
1	WAR	-	-	-	-	-	-	-	Algonkin Trust	P. O. Box 144, Youngsville, Pa. 16371
11	ARM	-	-	-	-	-	-	1	*Allegheny River Mining Company	Kittanning, Pa. 16201
1	WAR	-	-	-	-	2	-	-	Allen Oil and Gas Company	c/o Lynn Thomas R. D. #2, Corry, Pa. 16407
2	IND	1	-	1	-	-	-	-	American Drilling Company	70 North 5th St., Clarion, Pa. 16214
10	ELK	1	-	1	-	-	-	-	American National Petroleum Co., Inc.	10678 State Route 87, Newbury, Ohio 44065
8	McK	-	1	1	-	-	-	-	Aminex Corporation	Box 366, Bradford, Pa. 16701
8	McK	1	-	1	-	-	-	-	Amoco Production Company	P. O. Box 660, Tyler, Texas 75701
10	ELK	-	1	1	-	1	-	-		
4	FOR	-	1	1	-	-	-	-		
8	McK	-	1	1	-	-	-	-		
3	SOM	-	6	6	1	1	1	-		
9	TIO	-	1	1	2	2	2	-		
1	WAR	11	-	11	-	-	-	-	Anderson, Dean A. Jr.	8 Warren Blvd., Warren, Pa. 16365
2	IND	1	-	1	-	-	-	-	Angerman Gas Venture #2	c/o Thomas W. Angerman 1700 Benedum Trees Bldg., Pgh., Pa. 15222
2	IND	1	-	1	5	-	-	-	Angerman Gas Venture #3	c/o Thomas W. Angerman 1700 Benedum Trees Bldg., Pgh., Pa. 15222



TABLE #4

## LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES

JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
2	IND	8	-	8	4	-	-	-	Angerman Gas Venture #4	c/o Thomas W. Angerman 1700 Benedum Trees Bldg., Pgh., Pa. 15222
11	ARM	5	-	5	4	-	-	-	Apollo Gas Company	3904 Main Street, Munhall, Pa. 15120
4	CLA	2	-	2	1	-	-	-		
2	IND	1	-	1	1	-	-	-		
11	WES	2	-	2	1	-	-	-		
8	McK	5	-	5	1	-	-	-	Appalachian Petroleum Corporation	136 Kennedy St., Bradford, Pa. 16701
10	ELK	1	-	1	1	1	1	-	Armcore Resources, Incorporated	161 Main St., Bradford, Pa. 16701
8	McK	1	-	1	-	-	-	-		
11	ARM	4	-	4	4	-	-	-	Armclar Gas Company	Box 8, Distant, Pa. 16223
1	WAR	2	-	2	2	-	-	-	Austen and Curtis	Box 177, Sugar Grove, Pa. 16350
4	CLA	-	-	-	-	1	-	-	B and W Oil Company	New Bethlehem, Pa. 16242
7	VEN	14	-	14	9	-	-	-	Bailey and Landers Oil Company	Route #1, Pleasantville, Pa. 16341
6	BUT	-	-	-	1	-	2	-	Baird Oil Company	253 Fulton St., Butler, Pa. 16001
4	FOR	1	-	1	3	-	-	-	Baker, Garwood and Passauer, Melvin	341 Chestnut St., Pleasantville, Pa. 16341
7	VEN	1	-	1	-	-	-	-		
11	ARM	1	-	1	1	1	1	-	Baker Gas Company, R. A.	R. D. #1, Worthington, Pa. 16262
7	VEN	-	-	-	2	-	-	-	Baker Oil Fields, Garwood Baker, Owner	341 Chestnut St., Pleasantville, Pa. 16341
2	IND	18	-	18	-	-	-	-	Baron Crest, Incorporated	R. D. #3, Box 204-E, Apollo, Pa. 15613

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED		WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359						
11	ARM	1	-	1	-	-	-	Bauer Company, Inc., The	1150 N. Water St., Kittanning, Pa. 16201
7	VEN	1	-	-	-	-	-	Beck, James L.	R. D. #1, Pleasantville, Pa.
1	WAR	45	-	-	-	-	-	Belmont Resources, Inc.	239 Decker Building, One Decker Square Bala Cynwd, Pa. 19004
2	IND	13	-	10	-	-	-	Benedum, Paul G.	1500 Benedum-Trees Bldg., Pgh., Pa. 15222
8	McK	3	-	3	-	3	-	Benson, Charles	Lewis Run, Pa. 17638
7	VEN	1	-	-	-	-	-	Berlin, Charles F., Jr.	R. D. #2, Knox, Pa. 16232
4	CLA	1	-	1	-	-	-	Beth Gas and Oil Company	Box 211, New Bethlehem, Pa. 16248
3	WAS	-	-	-	-	-	3	*Bethlehem Mines Corporation	Ellsworth, Pa. 15331
1	ERI	-	-	-	-	1	-	Betz Oil, Incorporated	Box 4444, Wichita Falls, Texas 76301
7	VEN	1	-	-	-	-	-	Bills and Preston	1416 Chestnut St., Franklin, Pa. 16323
7	VEN	5	-	-	-	-	-	Bills, Francis E.	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
1	WAR	1	-	1	-	-	-	Billstone, Raymon W. and Laurie	Cobham Park Road, Warren, Pa. 16365
11	ARM	-	-	1	-	-	-	Bittinger Drilling	M. R. #10, Box 21, Apollo, Pa. 15613
2	IND	1	-	1	-	-	-		
4	FOR	-	-	-	37	-	-	Blaho Oil and Gas Company	R. D. #1, P. O. Box 295, Pleasantville, Pa. 16341

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED		WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359						
7	VEN	-	-	5	-	-	-	Blaho, Thomas J.	Box 295, Pleasantville, Pa. 16341
2	IND	13	-	11	3	-	-	Boyd and Shriver	6-8 Rend Bldg., South 7th St. Indiana, Pa. 15701
8	McK	2	-	-	-	-	-	Boyle, Ralph H.	50 Oakwood Ave., Bradford, Pa. 16701
6	ALL	-	-	-	3	3	-	Bracken Construction Company	Sligo, Pa. 16255
11	ARM	-	-	-	1	-	-		
8	McK	-	-	-	34	9	-	Bradford Pipe and Supply Company	P. O. Box 156, Bradford, Pa. 16701
8	McK	-	-	-	2	2	-	Bradford Urban Redevelopment Authority	47 Chestnut St., Bradford, Pa. 16701
8	McK	4	-	4	46	3	-	Brenan, Russel A.	R. D. #2, Eldred, Pa. 16731
1	WAR	5	-	-	-	-	-	Brokenstraw Oil Development Co.	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
1	WAR	7	-	-	-	-	-	Brokenstraw Oil Development Co., - Paul Greathouse	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
1	WAR	2	-	-	-	-	-	Brokenstraw Oil Development Co., - Angus Wooten	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
1	WAR	2	-	6	-	-	-	Brokenstraw Oil-Limited Partnership	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
1	WAR	-	-	1	-	-	-	Brown and Keppel	139 No. Center St., Corry, Pa. 16407
8	McK	1	-	-	-	-	-	Brown and Son Oil Company	1089 South Ave., Bradford, Pa. 16701
10	JEF	1	-	1	-	-	-	Brown, Finley	R. D. #2, Summerville, Pa. 15864

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
8	McK	2	-	2	3	6	8	-	Bucher Oil Company	109 Pleasant St., Bolivar, N. Y. 14715
3	GRE	-	-	-	-	-	-	1	*Buckeye Coal Co., The	Nemacolin, Pa. 15351
4	CLA	2	-	2	2	-	-	-	Burnham Gas Company, Inc.	R. D. #1, Corsica, Pa. 15829
10	ELK	3	-	3	-	-	-	-	Burns Corporation, R. L.	3313 Republic Bank Bldg., Dallas, Texas 75201
11	WES	1	-	1	-	-	-	-	Burrell Construction and Supply Co.	1 Fifth St., New Kensington, Pa. 15068
1	WAR	-	-	-	1	-	-	-	Bush, Kenneth E.	P. O. Box 111, Clarendon, Pa. 16313
11	WES	1	-	1	-	-	-	-	C & I Gas and Oil Company	4719 Walnut St., McKeesport, Pa. 15132
4	CLA	-	-	-	-	1	1	-	C & K Coal Company	Box 69, Clarion, Pa. 16214
2	IND	1	-	1	-	-	-	-	C & N Company	Box 754, Indiana, Pa. 15701
1	WAR	-	-	-	2	-	-	-	Cady, Myrle L.	R. D. #3, Sugar Grove, Pa. 16350
11	ARM	1	-	1	-	-	-	-	Calarie, Peter	Rural Valley, Pa. 16249
6	ALL	-	-	-	-	1	-	-	Caldarelli Construction Company	132 Ashley Drive, Verona, Pa. 15147
11	WES	1	-	1	-	-	-	-	Campbell, Dale H.	305 Duncan Road, McKeesport, Pa. 15135
11	ARM	-	-	-	-	-	-	4	*Canterbury Coal Company	Drawer "R", Avonmore, Pa. 15618
8	McK	-	-	-	-	1	-	-	Carlson, Earl E.	P. O. Box 318, Bradford, Pa. 16701
3	WAS	-	-	-	-	1	-	-	Carnegie Natural Gas Company	3904 Main St., Munhall, Pa. 15120



TABLE #4

LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED		WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMIT ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL					
11 2	ARM IND	14 45	- -	14 45	- 1	- -	- -	Castle Gas Company	P. O. Box 10396, Pgh., Pa. 15234
11 2	ARM IND	- 62	- -	- 62	- -	- -	- -	Castle Gas Company, Incorporated	P. O. Box 10396, Pgh., Pa. 15234
1	WAR	4	-	4	-	-	-	Chapman, C. W.	Route #5, Box 75, Jamestown, N. Y. 14701
1	ERI	-	-	-	-	1	-	Chemco, Incorporated	200 Johnson Bldg., Denver, Colorado 80202
7	VEN	4	-	4	-	-	-	Chodar, Jack	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
3	GRE	-	-	-	1	1	-	Christopher Coal Co. - Division Consolidation Coal Company	P. O. Box 100, Osage, West Virginia 26543
7	VEN	-	-	-	-	-	-	Cinco Oil Co., Unit A (Don Hornecker)	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
8	McK	1	-	1	-	-	-	Cline, Willard M.	16 E. Main Street, Bradford, Pa. 16701
4	FOR	2	-	2	1	1	-	Clinger, W. F.	P. O. Box 217, Warren, Pa. 16365
10	ELK	1	-	1	-	-	-	Clopp and Son, John	R. D. #1, Wilcox, Pa. 15870
3 3 10 9 3	BED GRE JEF POT WAS	- - - - -	- - - - -	- - - - -	- 2 - 1 -	- 1 1 3 2	- - - - -	Columbia Gas Transmission Corp.	P. O. Box 1273, Charleston, West Virginia 25325

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT	ACT	TOTAL						
7	VEN	6	-	6	-	-	-	-	Colvin, J. M. and Grimm, Grant	c/o R. A. Sterling, R. D. #1, Miller Farm, Pleasantville, Pa. 16341
7	VEN	-	-	-	-	-	3	-	Con-Al Development Corporation	R. D. #1, Emlenton, Pa. 16373
10	CAM	2	6	8	4	3	3	-	Consolidated Gas Supply Corporation	445 W. Main St., Clarksburg, W. Va. 26301
5	CLE	20	-	20	19	3	5	-		
5	CLI	2	-	2	6	4	5	-		
7	CRA	-	1	1	-	-	-	-		
10	ELK	1	-	1	-	1	-	-		
2	IND	17	-	17	16	1	1	-		
10	JEF	9	-	9	6	-	2	-		
9	POT	12	2	14	12	2	2	-		
9	TIO	-	2	2	1	1	1	-		
3	GRE	-	-	-	-	1	1	-	Consolidation Coal Co. (Blacksville Division)	P. O. Box 24, Wana, West Virginia 26590
10	JEF	3	-	3	1	-	-	-	Cougar Pass Resources, Inc.	Box 11181, Pgh., Pa. 15237
7	VEN	7	-	7	-	-	-	-		
1	ERI	-	-	-	-	1	1	-	Crosby, Edward A.	2127 Prospect Ave., Erie, Pa. 16510
1	WAR	4	-	4	-	-	-	-	Cundari, Inc., S. M. (London Land & Leasing Co.)	19307 W. Warren Ave, Detroit, Mich. 48200
8	WAR	1	-	1	-	-	-	-	Curtin and Curtin	Box 25, Sheffield, Pa. 16347
1	WAR	2	-	2	1	-	-	-	Curtis Development	Box 277, Sugar Grove, Pa. 16350
1	WAR	2	-	2	-	-	-	-	Curtis Development Company	Box 277, Sugar Grove, Pa. 16350

TABLE #4

## LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES

JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED		WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMIT ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359						
1	WAR	1	-	1	-	-	-	Curtis and Son, Howard	Box 277, Sugar Grove, Pa. 16350
8	McK	-	-	-	7	5	-	Dallas Oil Company	Star Route #1, Bradford, Pa. 16701
1	WAR	-	-	1	-	1	-	Darling, Geer and Swanson	c/o J. Algot Swanson Box 141, Ludlow, Pa. 16333
1	WAR	5	-	5	-	-	-	Davies, Alfred T.	1497 Conewango Ave., Ext., Warren, Pa. 16365
1	WAR	-	-	3	-	-	-	Davies & Sons, Edward	1503 Conewango Ave., Ext., Warren, Pa. 16365
7	VEN	8	-	8	-	-	-	Dawell, Inc.	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
1	WAR	-	-	-	2	-	-	Dawn Oil Company	Box 452, Eldred, Pa. 16731
1	WAR	6	-	6	-	-	-	Dawn Oil Company, II	Box 452, Eldred, Pa. 16731
1	WAR	2	-	2	2	-	-	Day, Edward B.	706 N. Main St., Youngsville, Pa. 16371
3	WAS	-	-	-	1	-	-	Deep Valley Oil & Gas Co., of Pa.	465 Jefferson Ave., Washington, Pa. 15301
7	VEN	1	-	1	-	-	-	Deeter, Paul H.	Sugar Creek Rd., R. D. #1, Cooperstown, Pa. 16317
4	CIA	2	-	2	-	-	-	Deitz, Donald W.	R. D. #1, Clarion, Pa. 16214
2	IND	4	-	4	-	-	-	Delta Drilling Company	P. O. Box 781, Indiana, Pa. 15701
8	McK	-	-	-	-	-	-	Dennis, et al, Ronald A.	Box 92, Custer City, Pa. 16725

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED		WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		Act	225						
1	WAR	1	-	1	-	-	-	Denton, Arthur H.	20 W. 6th St., Jamestown, New York 14701
4	FOR	6	-	6	-	-	-	Dillon and Reetz c/o John Reetz P. O. Box 307, Bronxville, New York 10708	
2	IND	2	-	2	-	-	-	Doverspike, Glenn D.	R. D. #1, Dayton, Pa. 16222
3	FAY	-	-	-	-	1	-	Eberly, et al O.	P. O. Box 2023, Uniontown, Pa. 15401
3	FAY	-	-	-	2	2	-	Eberly, et al, Orville	P. O. Box 2023, Uniontown, Pa. 15401
3	FAY	-	-	-	1	1	-	Eberly, Robert E.	P. O. Box 2023, Uniontown, Pa. 15401
8	McK	-	-	-	-	-	-	Elder and Company, S. H.	Box 1446, Smethport, Pa. 16749
4	FOR	5	-	5	-	-	-	Energy Investment Corp. (Don Hornecker)	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
8	McK	-	-	-	-	-	-	English, L. E.	Duke Center, Pa. 16729
6	ALL	3	-	3	-	-	-	Equitable Gas Company	420 Blvd. of Allies, Pgh., Pa. 15219
11	ARM	-	-	-	-	-	-		
3	GRE	-	-	-	1	1	-		
2	IND	1	-	1	-	-	-		
11	WES	1	-	1	-	-	-		
1	ERI	-	-	-	1	1	-	Erie, City of	Room 400, Municipal Bldg., Erie, Pa. 16501
7	CRA	-	-	-	1	1	-	Etzel Gas Company	R. D. #1, Emlenton, Pa. 16373
7	VEN	-	-	-	7	7	-		
8	McK	3	-	3	-	-	-	F. H. and S. Land Co., Inc.	P. O. Box 351, Bradford, Pa. 16701



TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
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DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT	ACT	TOTAL						
11	ARM	-	-	-	1	-	-	-	Fairman Drilling Company	Box 288, DuBois, Pa. 15801
10	ELK	-	1	1	1	-	-	-		
2	IND	9	-	9	7	-	-	-		
9	POT	-	1	1	-	-	-	-		
3	FAY	-	-	-	-	1	-	-	Fayette County Commissioners	Court House, Uniontown, Pa. 15401
8	McK	-	1	1	1	-	-	-	Federal Oil and Gas Company	1505 Grant Bldg., Pgh., Pa. 15219
8	McK	-	5	5	2	2	-	-	Felmont Oil Corporation	P. O. Box 590, Olean, New York 14760
8	McK	9	-	9	3	1	1	-	Ferrell Drilling S. W. Company	Box 31, Derrick City, Pa. 16727
4	CLA	1	-	1	-	-	-	-	Finefrock, Geraldine A.	Route #2, Knox, Pa. 16232
2	IND	1	-	1	1	-	-	-	Fischer Scientific Company	1510 Rt. 119 S., Indiana, Pa. 15701
7	CRA	2	1	3	4	1	1	-	Flanigan Brothers	145 Lorana Ave., Bradford, Pa. 16701
1	WAR	6	-	6	10	-	-	-		
7	CRA	-	10	10	-	-	-	-	Floto and Associates, Inc., B. A.	5023 Smoketalk Lane, Westerville, Ohio 43081
4	FOR	-	-	-	1	-	-	-	Foreman, James L.	801 Alamanda St., Boca Raton, Florida 33932
8	WAR	2	-	2	2	1	1	-	Forest Chemical Company	Sheffield, Pa. 16347
2	IND	25	-	25	7	-	-	-	Fox, R. E.	370 Leonard Ave., Washington, Pa. 15301
7	VEN	-	-	-	1	-	-	-	Frederick, Don C.	Box 66, Tylersburg, Pa. 16331
7	VEN	12	-	12	2	-	-	-	Frederick Drilling Company	P. O. Box 66, Tylersburg, Pa. 16361

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES

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LOCALITY	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
10	ELK	-	-	-	-	1	-	-	Freeburg, Adolph	8 Maplewood St., Jamestown, New York 14701
10	JEF	-	-	-	1	-	-	-	Future Gas Company	c/o S. G. Custer Box 330-A, R. D. #2, Rimersburg, Pa. 16246
3	GRE	-	-	-	-	-	1	-	Galey, John T.	R 6, Somerset, Pa. 15501
11	WES	1	-	1	-	-	-	-	Gas Well Supply Corporation	P. O. Box 347, Buckhannon, W. Virginia 26201
3	GRE	-	-	-	-	-	-	7	*Gateway Coal Company	P. O. Box 608, California, Pa. 15419
1	WAR	11	-	11	6	1	1	-	Gearhart, Floyd A.	P. O. Box 748, Indiana, Pa. 15701
1	WAR	4	-	4	-	-	-	-	Geer, I. L.	211 Terrace St., Warren, Pa. 16365
1	WAR	4	-	4	-	1	-	-	Gemini Oil Company	Box 277, Sugar Grove, Pa. 16350
8	McK	3	-	3	2	-	-	-	Gibson Heirs, J. H.	Bradford, Pa. 16701
4	CIA	-	-	-	-	1	1	-	Glass, Theodore G.	c/o Donald C. Taylor, Pleasantville, Pa. 16341
10	JEF	4	-	4	-	-	-	-	GIM-Oil and Gas Company	c/o T. G. Bell R. D. #2, Tidioute, Pa. 16351
7	CRA	2	-	2	-	-	-	-	Glover, W. F.	Box 283, Pleasantville, Pa. 16341
7	VEN	3	-	3	4	-	-	-		
1	WAR	1	-	1	-	-	-	-		
7	VEN	5	-	5	4	-	-	-	Glover, Willard F.	c/o Donald C. Taylor R. D. #1, Pleasantville, Pa. 16341

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED ACT 225	ACT 359	TOTAL	WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
2	IND	4	-	4	1	-	-	-	Goal Drilling Company	82 N. 5th St., Clarion, Pa. 16214
10	JEF	-	-	-	1	2	2	-		
8	McK	-	-	-	-	156	90	-	Goodman Brothers, Inc.	286 High St., P. O. Box 295 Bradford, Pa. 16701
6	BUT	2	-	2	1	-	-	-	Grace Development Co.	P. O. Box 1564, East Canton, Ohio 44730
6	LAW	1	-	1	-	-	-	-	Graham, J. and Penny, W.	R. D. #3, Wilmington Rd. New Castle, Pa. 16101
2	IND	5	-	5	5	-	-	-	Grangasco	R. D. #3, Indiana, Pa. 15701
11	ARM	2	-	2	2	-	-	-	Green Refractories, Climax Div., A. P.	P. O. Box 68, New Bethlehem, Pa. 16242
2	IND	-	-	-	-	1	-	1	*Greenwich Collieries Company	111 West High St., P. O. Box 367, Ebensburg, Pa. 15931
2	IND	1	-	1	-	-	-	-	Gregg, J. K.	Rt. 286 South, Indiana, Pa. 15701
1	WAR	1	-	1	3	1	1	-	Grosch Bros.	R. D. #1, Clarendon, Pa. 16313
7	MER	-	-	-	-	-	1	-	Grove City, Borough of	1328 W. Main St., Grove City, Pa. 16127
6	BEA	-	-	-	-	1	1	-	Groves and Sons Company, S. J.	P. O. Box 308, Beaver Falls, Pa. 15010
3	BED	1	-	1	1	1	1	-	Gulf Research and Development Co.	P. O. Box 2038, Pgh., Pa. 15230
7	VEN	-	-	-	-	1	-	-	Gustafson Lumber Company	R. D. #2, Oil City, Pa. 16301
1	WAR	-	-	-	-	-	3	-	H and H Oil Co., Inc.	626 Wyoming Ave., Erie, Pa. 16505

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
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DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
4 10	CLA JEF	1 8	- -	1 8	1 10	1 3	1 1	- -	Hanley and Bird	28 Kennedy St., Bradford, Pa. 16701
4 10	CLA JEF	1 1	- -	1 1	- 1	1 1	1 1	- -	Hanley Gas Company, T. E.	Box 159, New Bethlehem, Pa. 16242
8	McK	-	-	-	-	1	-	-	Hannahs, Rav	770 Summit Rd., R. D. #3, Bradford, Pa. 16701
8	McK	1	-	1	-	-	-	-	Hanson, George G.	47 Hawthorne Rd., Bradford, Pa. 16701
9	TIO	1	-	1	1	1	1	-	Harbinger Oil Corporation	Suite 702, World Center Building 918 - 16th St., N. W. - Washington, D.C. 2006
7	CRA	-	-	-	1	-	-	-	Harger, Gerald and Barbara	R. D. #1, Titusville, Pa. 16354
6	ALL	-	-	-	-	-	-	1	*Harmar Coal Company	2401 Freeport Rd., Pgh., Pa. 15238
8	McK	-	-	-	-	10	10	-	Harris, J. Fred	Box 205, Rew, Pa. 16744
11	WES	1	-	1	-	-	-	-	Haupt, Wallace H. Jr.	170 Woodland Rd., Greensburg, Pa. 15601
7	VEN	1	-	1	-	-	-	-	Hegedus Aluminum Industries, Inc.	R. D. #1, Oil City, Pa. 16301
2	IND	-	-	-	-	-	-	1	*Helen Mining Company	P. O. Drawer "D", Homer City, Pa. 15748
8	McK	-	-	-	-	29	133	-	Herzog, Richard B.	657 Derrick Rd., Bradford, Pa. 16701
8	McK	-	-	-	1	65	91	-	Hess, Lewis F.	705 W. Green St., Smethport, Pa. 16749
7	VEN	1	-	1	-	-	-	-	Hoffman, Janean S. and Allan V.	215 Big Oak Dr., Franklin, Pa. 16325



TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
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DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
4	FOR	2	-	2	6	-	-	-	Hoovler, M. W.	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
7	VEN	4	-	4	3	-	-	-		
4	CLA	1	-	1	-	-	-	-	Horner, Arnold	Box 58, Callensburg, Pa. 16213
8	McK	1	-	1	1	-	-	-	Howard and Son, Ed.	Box 503, Mt. Jewett, Pa. 16740
10	JEF	1	-	1	-	-	-	-	Huber, Rex	Box 5, North Point, Pa. 15763
7	VEN	-	-	-	1	-	-	-	Huber, William L. (Huber & Sons)	R. D. #1, Oil City, Pa. 16301
6	BUT	5	-	5	-	-	-	-	Hughes Oil Company	P. O. Box 9786, Phoenix, Arizona 85020
11	ARM	5	-	5	5	1	-	-	Humphrey-Stone-McColl Corporation	303 Drake Bldg., Oil City, Pa. 16301
2	IND	6	-	6	4	-	-	-		
8	McK	2	-	2	2	-	-	-	Hungiville Estate, M.	150 Jackson Ave., Bradford, Pa. 16701
8	McK	-	-	-	-	-	6	-	Hungiville, Robert	Box 94, Rixford, Pa. 16745
1	WAR	-	-	-	2	-	-	-	Iroquois Trust-Edward J. Sullivan, Operator	P. O. Box 185, Youngsville, Pa. 16371
11	ARM	6	-	6	6	-	-	-	J & J Enterprises, Inc.	P. O. Box 754, Indiana, Pa. 15701
5	CLF	4	-	4	-	-	-	-		
2	IND	87	-	87	74	-	-	-		
10	JEF	14	-	14	13	-	-	-		
11	ARM	-	2	2	-	-	-	-	James Drilling Corp., Agent	P. O. Box 337, Blairsville, Pa. 15717
2	IND	-	-	-	1	-	-	-		

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DISTRICT	COUNTY	PERMITS ISSUED		WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359						
5	CLE	-	-	-	1	-	-	James Drilling Corporation	P. O. Box 337, Blairsville, Pa. 15717
7	CRA	-	-	-	-	5	-		
1	ERI	-	-	-	7	-	-		
2	IND	-	-	-	2	1	-		
3	WAS	-	-	-	1	-	-		
11	ARM	1	-	1	-	-	-	Jaywell Oil and Gas Venture	810 Lombard St., Philadelphia, Pa. 19147
3	GRE	-	-	-	-	-	2	*Jones & Laughlin Steel Corporation	Box 608, California, Pa. 15419
3	WAS	-	-	-	-	-	2	Vesta-Shannopin Coal Division	
5	LAC	-	-	-	1	-	-	Joyce Pipe Line Company	Box "E", Andover, New York 14806
11	ARM	1	-	1	-	-	-	Judson Gas Wells, H. C. (Mrs. J. R. Boyer, Agent)	R. D. #2, Box 150-B, Port Washington, Ohio 43837
10	JEF	1	-	1	-	-	-	Kaib and Kaib	2810 Military Rd., Zanesville, Ohio 43701
8	McK	8	-	1	-	-	-	Kaylar Development Corporation	601 Mansfield Ave., Pgh., Pa. 15205
4	FOR	-	-	1	-	-	-	Keating, Hugh T.	16408 Briggs Rd., Cleveland, Ohio 44111
2	IND	1	-	1	-	-	-	Kelly Enterprises, Rennie	9 Savannah Ct. Bethesda, Maryland 20034
2	IND	-	-	-	1	-	-	Kerpoe, Stanley J.	P. O. Box 337, Blairsville, Pa. 15717
7	VEN	-	-	-	12	-	-	Kerr, H. J. - Gates and Burns	8 East First St., Oil City, Pa. 16302
5	CLE	4	-	5	1	-	-	Kewance Oil Company	P. O. Drawer "K", Brookville, Pa. 15825
10	JEF	1	-	1	-	-	-		

TABLE #4  
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DISTRICT	COUNTY	PERMITS ISSUED		WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359						
3	FAY	1	-	1	1	1	-	Keystone Gas Company	Mellon Bank Bldg. Canonsburg, Pa. 15317
3	GRE	1	-	-	-	-	-		
7	MER	17	-	3	-	-	-	Kinnebrew, M. L.	Box 283, Pleasantville, Pa. 16341
6	BUT	1	-	-	-	-	-	Knoll Gas Company	R. D. #1, Chicora, Pa. 16025
8	McK	3	-	2	-	-	-	Korner, Margaret A.	16 Sanford St., Bradford, Pa. 16701
7	VEN	2	-	1	-	-	-	Krantz, Ottis A.	R. D. #3, Titusville, Pa. 16354
11	ARM	1	-	-	-	-	-	Kriebel Gas Company	8 So. Eighth Ave., Clarion, Pa. 16214
11	ARM	-	-	1	-	-	-	Kriebel Gas Company, Edward G.	8 So. Eighth Ave., Clarion, Pa. 16214
2	IND	7	-	2	-	-	-		
3	FAY	-	-	1	-	-	-	Kubina, Mike	R. F. D. #1, Box 71-A, Vanderbilt, Pa. 15486
2	IND	1	-	1	-	-	-	Kutch, Vincent	1002 Orr Ave., Kittanning, Pa. 16201
8	McK	-	-	-	12	-	-	Larson, Hilding C.	R. D. #1, Kane, Pa. 16735
11	WES	2	-	2	-	-	-	Latrobe Forge and Spring, Inc.	107 Gertrude St., Latrobe, Pa. 15650
1	ERI	-	-	-	1	1	-	Lawrence Park Township	864 Silliman Ave., Erie, Pa. 16511
8	McK	-	-	-	11	-	-	Lawton Oil Company	Box 36, Bradford, Pa. 16701
11	WES	-	-	1	-	-	-	Lechner Gas and Oil Company	465 Jefferson Ave., Washington, Pa. 15301
11	ARM	-	-	-	-	-	1	*Leechburg Mining Company	Box 586, Leechburg, Pa. 15656

TABLE #4  
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DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
1	WAR	-	-	-	1	3	7	-	Lehmann, C. Ernest	Sugar Grove, Pa. 16350
10	EK	1	-	1	1	-	-	-	Lenhart and Bennett, Inc.	Box 56, Wooster, Ohio 44691
10	EK	4	-	4	3	1	1	-	Lenhart and Bennett, Inc. and American National Petroleum	Box 56, Wooster, Ohio 44691
11	ARM	-	-	-	1	-	-	-	Lingenfelter, Jack R.	R. D. #3, New Bethlehem, Pa. 16242
9	POT	-	1	1	1	1	1	-	Linn, Earl H.	400 Penn Center Blvd., Pgh., Pa. 15235
10	EK	-	-	-	3	-	-	-	Linn, et al, Earl H.	400 Penn Center Blvd., Pgh., Pa. 15235
1	ERI	-	1	1	1	-	-	-		
4	FOR	-	1	1	1	1	1	-		
9	POT	-	1	1	-	-	-	-		
10	CAM	-	1	1	1	-	-	-	Linn Earl H. & Patrick Petroleum	400 Penn Center, Pgh., Pa. 15235
4	CLA	-	1	1	1	1	1	-		
4	FOR	-	1	1	1	1	1	-		
10	JEFF	-	1	1	1	1	1	-		
8	McK	-	1	1	2	1	2	-	Linn, Earl H. & Patrick Petroleum, et al	400 Penn Center, Pgh., Pa. 15235
11	ARM	3	-	3	1	-	-	-	Louden, Clarence E. Jr.	P. O. Box 110, Kittanning, Pa. 16201
11	ARM	-	-	-	1	-	-	-	Louden Production Company	P. O. Box 110, Kittanning, Pa. 16201
11	ARM	4	-	4	3	-	-	-	Louden Properties Co.	P. O. Box 675, Indiana, Pa. 15701
2	IND	26	-	26	10	-	-	-		
2	IND	-	-	-	-	-	-	1	*M Y Coal Company	111 East Pike, Indiana, Pa. 15701
5	CLE	-	-	-	3	-	-	-	Mann, C. L.	R. D. #1, Box 222, DuBois, Pa. 15801



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DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
10	ELK	-	-	-	-	1	1	-	Mars Company, The	308 Seneca St., Oil City, Pa. 16301
7	MER	-	-	-	-	-	1	-		
7	VEN	4	-	4	-	-	-	-	Marwell, Incorporated	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
7	VEN	-	-	-	4	-	-	-	Marwell, Inc. (Dawell, Inc.)	Box 666, Franklin, Pa. 16323
4	FOR	12	-	12	-	-	-	-	Master Services, Inc.	c/o R. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
3	WAS	-	-	-	-	-	-	13	*Mathies Coal Company	Box 104, Finleyville, Pa. 15332
3	FAY	1	-	1	-	-	-	-	Matras, Henry	R. D. #1, Vanderbilt, Pa. 15486
7	VEN	-	-	-	-	5	-	-	Matthews, Park	Franklin St., Box 141, Clintonville, Pa. 16372
3	WAS	-	-	-	1	-	-	-	Matway, John E.	Rt. 837, Box 194, Monongahela, Pa. 15063
8	McK	-	-	-	-	7	7	-	May Oil Corporation	P. O. Box 1115, Fort Lee, New Jersey 07024
11	ARM	-	-	-	-	1	1	-	Mays Gas and Coal Company	Box 447, Clarion, Pa. 16214
4	CLA	2	-	2	3	3	3	-		
6	BUT	1	-	1	-	-	-	-	McCauley, Laverne	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
3	WAS	-	-	-	-	-	1	-	McCullough and Spillman	R. D. #2, Eighty-Four, Pa. 15330
2	IND	1	-	1	1	-	-	-	McEvoy, James F.	R. D. #2, Homer City, Pa. 15748

TABLE #4  
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DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
11	WES	-	-	-	1	-	-	-	McKeever, et al, D. L.	120 Glenview Rd., New Kensington, Pa. 15068
8	McK	2	-	2	3	-	-	-	McKenna, H. A.	103 Tionesta Ave., Kane, Pa. 16735
8	McK	1	-	1	-	-	-	-	McKenna Oil Company	309 Pennsylvania Ave., Kane, Pa. 16735
1	WAR	5	-	5	1	-	-	-	Mead, Geary P.	Clarendon, Pa. 16313
7	VEN	-	-	-	-	-	3	-	Meals, Richard	Box 253, Clintonville, Pa. 16372
7	CRA	-	3	3	-	-	-	-	Mercer Energy, Inc.	311 Rouser Rd., Coraopolis, Pa. 15108
7	CRA	7	-	7	8	-	-	-	Meridian Oil & Gas Enterprises, Inc.	Statler-Hilton Hotel, Buffalo, New York 14202
2	IND	-	-	-	1	-	-	-		
11	WES	1	-	1	3	-	-	-		
8	McK	-	-	-	1	-	-	-	Middlebrough Oil Company	c/o Fred J. Middlebrough 1205 E. Main St., Bradford, Pa. 16701
2	IND	23	-	23	19	-	-	-	Mid-East Oil Company	2115 Oliver Bldg., Pgh., Pa. 15222
11	WES	-	-	-	1	-	-	-		
1	WAR	-	-	-	-	1	-	-	Miller Oil Club	621 N. Main St., Youngsville, Pa. 16371
8	McK	16	-	16	23	-	1	-	Minard Run Oil Company	P. O. Box 18, Bradford, Pa. 16701
1	ERI	1	-	1	-	-	-	-	Minnesota Oil & Gas Co., DBA (W. T. Davis, III)	P. O. Box 861, St. Joseph, Mo. 64502
11	ARM	-	-	-	1	-	-	-	Minteer & Baker Gas Enterprise	c/o Arthur C. Baker, Worthington, Pa. 16262

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LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
10	ELK	-	-	-	-	2	2	-	Minter, Lee E.	474 Minard Run Rd., Bradford, Pa. 16701
9	POT	-	1	1	1	1	1	-		
1	WAR	1	-	1	-	-	-	-	Morrison, George W.	13 Anchor St., Clarendon, Pa. 16313
1	WAR	-	-	-	-	-	1	-	Morrison, Ralph A.	R. D. #2, Box 36, Sugar Grove, Pa. 16350
3	FAY	1	-	1	-	-	-	-	Mosier, R. Taylor	R. D. #1, Vanderbilt, Pa. 15486
7	VEN	4	-	4	-	-	-	-	Moss and White Oil Company	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16391
9	TIO	-	2	2	-	2	-	-	Murphy Oil Company	6161 Busch Blvd., Columbus, Ohio 43229
3	GRE	-	-	-	-	-	-	1	*National Mines Corporation	Isabella, Pa. 15447
6	BUT	-	-	-	-	1	1	-	Neff, Victor J.	R. D. #2, Chicora, Pa. 16025
5	CLI	1	-	1	-	-	-	-	N. Y. Petro-Min Corporation	400 Jericho Turnpike, Jericho, N. Y. 11753
7	VEN	-	-	-	4	-	-	-		
9	POT	-	-	-	-	-	8	-	Nichols and Nichols	Shinglehouse, Pa. 16748
1	ERI	-	-	-	-	1	-	-	Nicholson, Wilbur J.	607 Schaaf Place, Erie, Pa. 16507
1	ERI	3	-	3	-	-	-	-	North East Natural Gas Co., Inc.	655 Citizens Savings Building Canton, Ohio 44702
8	McK	3	-	3	-	-	-	-		
4	FOR	-	-	-	-	1	1	-	North Penn Gas Company	76-80 Mill St., Port Allegheny, Pa. 16743
9	TIO	1	-	1	1	-	-	-		
8	McK	2	-	2	3	-	-	-	Oakes, Garold M.	P. O. Box 442, Kane, Pa. 16735

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
2	IND	-	-	-	-	-	-	2	*Oneida Mining Company, The	Seward, Pa. 15954
1	WAR	5	-	5	1	15	2	-	Opal Oil Company	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
11	ARM	1	-	1	5	1	-	-	Penco Gas, Incorporated	3829 Willow Ave., Pgh., Pa. 15234
2	IND	1	-	1	-	-	-	-		
3	WAS	1	-	1	-	-	-	-	Penn Energy Sources Company	281 Thompsonville Rd., McMurray, Pa. 15317
1	WAR	-	-	-	1	-	-	-	Penn Flo of Florida, Inc.	Clermont, Florida 32711
1	WAR	-	-	-	-	1	1	-	Penn Flo Oil Co., Inc. of Florida	Clermont, Florida 32711
8	McK	-	-	-	-	7	7	-	Penn-Resources, Inc.	c/o May Oil Corporation P. O. Box 1115 - Fort Lee, N. J. 07024
8	McK	-	-	-	-	1	1	-	Penn-Resources, Inc. (71)	c/o May Oil Corporation P. O. Box 1115 - Fort Lee, N. J. 07024
8	McK	-	-	-	7	-	-	-	Penn-Resources, Inc. (72)	c/o May Oil Corporation P. O. Box 1115 - Fort Lee, N. J. 07024
8	McK	2	-	2	2	1	1	-	Pennsec Exploration, Inc.	P. O. Box 283, Pleasantville, Pa. 16341
10	ELK	-	-	-	-	-	1	-	Penna. Department of Transportation	1924-30 Daisy St., Clearfield, Pa. 16830
1	WAR	-	-	-	-	1	1	-		1140-Liberty St. Franklin, Pa. 16323
10	ELK	-	-	-	-	2	2	-	Pennsylvania Gas Company	213 Second Ave., Warren, Pa. 16365
1	ERI	4	-	4	5	4	4	-		
8	McK	3	-	3	-	-	2	-		
8	WAR	-	-	-	-	3	1	-		



TABLE #4,  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
	ACT 225	ACT 359	TOTAL						
2 IND	3	-	3	4	-	-	-	Penn Wayne Gas Company	R. D. #1, Dayton, Pa. 16222
4 FOR	-	-	-	1	-	-	-	Pennsoll Company	54 Boylston St., Bradford, Pa. 16701
8 McK	150	-	150	21	101	137	-		
7 VEN	3	1	4	3	106	6	-		
6 ALL	6	-	6	5	-	-	-	Peoples Natural Gas Company, The	Two Gateway Center, Pgh., Pa. 15222
11 AIM	5	1	6	6	1	1	-		
2 CDA	5	-	5	4	-	-	-		
3 FAY	2	1	3	1	1	1	-		
2 IND	30	1	31	26	2	2	-		
7 VEN	-	3	3	4	-	-	-		
11 WFS	15	-	15	13	1	1	-		
1 ELK	-	-	-	1	-	-	-	Petroleum Resources Company	1130 West 28th St., Erie, Pa. 16508
4 FOR	1	-	1	-	-	-	-	Petronic Energy Producers, Inc.	Suite 1201 - 404 Park Ave. South, New York, New York 10016
11 AIM	14	-	14	11	2	2	-	Phillips Gas & Oil Company, T. W.	205 North Main St., Butler, Pa. 16001
6 BUT	2	-	2	4	2	1	-		
4 CLA	-	-	-	2	1	1	-		
5 CLE	-	-	-	3	-	-	-		
2 IND	48	-	48	48	2	2	-		
10 JEF	5	-	5	7	1	1	-		
11 WFS	7	-	7	4	-	-	-		
5 CEN	-	1	1	1	1	1	-	Phillips Petroleum Company	Box 287, Grand Bend, Kansas 67530
1 WAR	-	-	-	-	5	5	-	Phoenix Eastern Oil Fields, Inc.	P. O. Box 2087, Scottsdale, Arizona 85252
6 ALL	-	-	-	-	-	-	2	*Pittsburgh Coal Company	Library, Pa. 15129
3 WAS	-	-	-	-	-	-	4		

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

[illegible]

TABLE #4

LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
1	WAR	-	-	-	1	-	1	-	Reynolds, Swavley & Dobrowalski	c/o Ellsworth Reynolds R. D. #2, Pittsfield, Pa. 16340
2	IND	1	-	1	-	-	-	-	Robertshaw Fulton Controls	13th Street, Ext., Indiana, Pa. 15701
7	CRA	-	-	-	1	-	-	-	Robertson, R. B.	New Bethlehem, Pa. 16242
11	ARM	-	-	-	-	-	-	28	*Rochester & Pittsburgh Coal Company	655 Church Street, Indiana, Pa. 15701
7	VEN	-	-	-	-	2	-	-	Ro-Med Construction Company	Elwood City, Pa. 16117
6	BUT	1	-	1	-	-	-	-	Rummel - Franklin Gas Company	Box 11, R. D. #1, Saxonburg, Pa. 16056
11	ARM	1	-	1	-	-	-	-	Saul, John E.	R. D. #1, Apollo, Pa. 15613
11	WES	-	-	-	1	-	-	-	Saxonburg Heat and Light Company	Saxonburg, Pa. 16056
6	BUT	2	-	2	-	1	-	-	Season-All Industries, Inc.	1480 Rt. #119 South, Indiana, Pa. 15701
2	IND	-	-	-	1	-	-	-	Second Sand Oil Company	516 Trust Company Bldg., Franklin, Pa. 16323
7	VEN	-	1	1	4	-	-	-	Sergeant Gas Company	P. O. Box 255, Kane, Pa. 16735
8	McK	1	-	1	-	-	-	-	Shamrock Oil Company	c/o Marcus Jones Rt. #2, Box 13, Kane, Pa. 15735
1	WAR	4	-	4	-	-	-	-	Shaner, W. G.	Box 24, St. Petersburg, Pa. 16054
2	IND	3	-	3	2	-	-	-	Shell Oil Company	P. O. Box 1509, Midland, Texas 79701
9	BRA	-	2	2	2	2	2	-		
9	SUS	-	2	2	1	1	1	-		

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
1	WAR	1	-	1	-	1	-	-	Shively, Darling and Swanson	Box 141, Ludlow, Pa. 16233
7	VEN	-	-	-	-	5	5	-	Shreffler, Clinton L.	314 Oak Grove St., Oil City, Pa. 16301
4	FOR	-	-	-	-	-	1	-	Skalski, Bernard	114 E. Waldheim Rd., Pgh., Pa. 15215
11	WES	1	-	1	2	-	-	-	Smith, Richard A.	R. D. #6, Butler, Pa. 16001
1	WAR	7	-	7	1	-	3	-	Southwell, Russell	R. D. #3, Sugar Grove, Pa. 16350
11	ARM	2	-	2	-	-	-	-	Spankard, James V.	550 Grant St., Pgh., Pa. 15219
2	IND	-	-	-	1	-	-	-	Spence Gas Company	519 Philadelphia St., Indiana, Pa. 15701
3	WAS	1	-	1	-	-	-	-	Spinner, Stephen S.	Box 306, New Eagle, Pa. 15067
10	EK	-	-	-	1	-	-	-	States Oil Company	Suite 306, Executive Plaza 1525 Mockingbird Lane, Dallas, Texas 73235
6	BUT	-	-	-	-	1	-	-	Steen, Charles L.	R. D. #3, Slippery Rock, Pa. 16057
1	WAR	-	-	-	1	-	-	-	Streich, Edwin	336 Park St., Warren, Pa. 16365
1	WAR	-	-	-	2	-	-	-	Streich, Edwin L.	336 Park St., Warren, Pa. 16365
1	WAR	-	-	-	1	1	-	-	Swart, Martin and Vanderhoof	R. D. #2, Corry, Pa. 16407
10	EK	3	-	3	-	-	1	-	Sylvania Corporation, The	308 Seneca St., Oil City, Pa. 16301
1	WAR	-	-	-	6	-	-	-	Tapp and Curtis	Box 177, Sugar Grove, Pa. 16350
7	VEN	2	-	2	2	1	-	-	Tarr and Tarr	R. D. #3, Franklin, Pa. 16323



TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
7	VEN	2	-	2	2	-	-	-	Taylor, Donald C.	R. D. #1, Pleasantville, Pa. 16341
5	CLE	1	-	1	2	-	-	-	Texaco, Inc.	P. O. Box 2420, Tulsa, Oklahoma 74102
3	BED	-	-	-	1	-	-	-	Texas Eastern Transmission Corp.	P. O. Box 2521, Houston, Texas 77001
4	FOR	5	-	5	3	-	-	-	Thompson, S. G. (Pete)	R. D. #1, Pleasantville, Pa. 16341
7	VEN	6	-	6	-	-	-	-		
7	VEN	-	-	-	8	-	-	-	Troy Enterprises, Inc.	P. O. Box 326, Roann, Indiana 46974
8	McK	-	-	-	1	-	-	-	Turner, Gene	636 W. Washington St., Bradford, Pa. 16701
8	McK	-	-	-	-	7	6	-	Turner, Glenn C.	R. D. #2, Eldred, Pa. 16731
8	McK	-	-	-	-	-	8	-	Tyler and Burrell	Rixford, Pa. 16745
2	IND	6	-	6	9	-	-	-	Union Drilling, Inc.	P. O. Box 347, Buckhannon, W. Va. 26201
3	WAS	-	-	-	-	-	3	-		
11	WES	1	-	1	2	-	-	-		
8	McK	13	-	13	49	-	1	-	United Energy Corporation	P. O. Box 31, Derrick City, Pa. 16727
4	CILA	-	-	-	-	6	5	-	United Natural Gas Company	308 Seneca St., Oil City, Pa. 16301
5	CLE	-	-	-	1	-	-	-		
10	EK	8	-	8	5	5	7	-		
4	FOR	-	-	-	-	1	2	-		
10	JEF	6	-	6	12	6	9	-		
7	MER	1	2	3	4	-	-	-		
8	McK	-	-	-	-	11	9	-		
9	POT	5	-	5	-	2	-	-		
7	VEN	-	-	-	-	6	9	-		

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMIT ISSUED	NAME OF COMPANY	ADDRESS
		ACT	ACT	TOTAL						
3	GRE	-	-	-	-	-	-	5	*United States Steel Corporation	Fayette Bank Bldg., Uniontown, Pa. 15401
3	WAS	-	-	-	-	-	-	3	Raw Materials - Coal Operations	
10	ELK	-	-	-	8	2	2	-	Vanderbilt Resources Corporation	22 North Erway, Dallas, Texas 75201
4	FOR	-	-	-	6	-	-	-		
7	VEN	-	-	-	1	-	-	-	Veigel, E. W., Jr. Dr. and H. W. Seifert (Weymouth Associates)	P. O. Box 344, Titusville, Pa. 16354
4	CLA	-	-	-	-	3	-	-	Vensel, Sarah C.	St. Petersburg, Pa. 16054
4	FOR	-	-	-	1	-	-	-	Vertullo, John A.	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341
7	VEN	224	-	224	-	-	-	-		
1	WAR	116	-	116	-	-	-	-		
11	ARM	1	-	1	2	-	-	-	Victory Development Co.	Mellon Bank Bldg., Kittanning, Pa. 16201
7	VEN	-	-	-	-	7	9	-	Village Acres, Inc.	Box 181, Clintonville, Pa. 16372
4	FOR	1	-	1	1	-	-	-	Vinopal, Howard R.	624 W. Spruce St., Titusville, Pa. 16341
7	VEN	-	-	-	1	-	-	-		
6	LAW	1	-	1	-	-	-	-	Vollees Oil Company	R. D. #3, Volant, Pa. 16156
8	McK	-	-	-	1	1	1	-	Walk Company, R. B.	55 South 5th Street Lafayette Bldg., Philadelphia, Pa. 19106
7	VEN	7	-	7	5	-	-	-	Walk Company, Inc., R. B.	50 Bellmont Ave., Bala-Cynwd, Pa. 19004
1	WAR	12	-	12	6	-	-	-	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341	
6	BUT	-	-	-	2	1	1	-	Walker, James E. & Richard R.	Box 24, Bruin, Pa. 16022

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED			WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMIT ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL						
7	VEN	2	-	2	3	-	-	-	Wallace, John J.	R. D. #1, Box 202, Cooperstown, Pa. 16317
1	WAR	1	-	1	-	-	-	-	Wallace, Samuel S.	Kinzua Heights, Bradford, Pa. 16701
7	VEN	-	-	-	3	-	-	-	Walter, Glenn A.	Box 5, Tionesta, Pa. 16353
1	WAR	10	-	10	3	-	-	-	Waugaman, Robert W.	Star Route, Irvine, Pa. 16329
7	VEN	-	-	-	-	10	12	-	Weaver, Kenneth	R. D. #2, Victory Heights, Franklin, Pa. 16232
11	ARM	1	-	1	1	-	-	-	Westrans Petroleum, Inc.	Drawer "R", Avonmore, Pa. 15618
6	ALL	-	-	-	-	3	3	-	Wharton, Robert L.	Rt. #3, Burgettstown, Pa. 15021
7	VEN	23	-	23	13	-	1	-	Willis, Reid	793 W. Central Ave., Titusville, Pa. 16354
8	McK	-	-	-	36	8	104	-	Witco Chemical Corporation	77 Kendall Ave., Bradford, Pa. 16701
1	WAR	39	-	39	9	1	-	-	Bradford Petroleum Division	
10	ELK	-	-	-	-	3	-	-	Witco Chemical Corporation	77 Kendall Ave., Bradford, Pa. 16701
8	McK	16	-	16	1	186	28	-	Oil and Gas Producing Division	
1	WAR	4	-	4	-	2	-	-		
6	BUT	-	-	-	-	1	-	-	Wolford, Charles F.	R. D. #3, Chicora, Pa. 16025
7	VEN	3	-	3	-	-	-	-	Wojton, Stanley	Box 161, Cooperstown, Pa. 16317
1	WAR	1	-	1	-	-	-	-	Wolfe Oil Company, J. J.	507 So. Main St., Sheffield, Pa. 16347
1	WAR	10	-	10	-	1	-	-	Wooten, Angus	c/o R. A. Sterling, R. D. #1, Miller Farm Road, Pleasantville, Pa. 16341

TABLE #4  
LIST OF COMPANIES AND ADDRESSES REPORTING ACTIVITIES  
JANUARY - DECEMBER, 1973

DISTRICT	COUNTY	PERMITS ISSUED		WELLS REPORTED DRILLED	PLUGGING NUMBERS ISSUED	WELLS REPORTED PLUGGED	PILLAR PERMITS ISSUED	NAME OF COMPANY	ADDRESS
		ACT 225	ACT 359	TOTAL					
11	ARM	1	-	1	-	-	-	Wright, R. S.	R. D. #1, Ford City, Pa. 16226
3	FAY	-	-	-	-	1	-	Zenith Exploration Company	10 East Beau St., Washington, Pa. 15301
3	WAS	-	-	-	1	1	-	Zurina, James M.	601 N. Washington Rd., McMurray, Pa. 15317



Warren (A) - Minus - Sheffield Township  
Warren (B) - Plus - Sheffield Township

TABLE #5  
SUMMARY OF ACTIVITIES BY COUNTIES AND INSPECTION DISTRICTS  
JANUARY - DECEMBER, 1973

Inspector	Name of Inspector	Number of Counties	Permits Issued		Reported Wells	Drilling		Wells Reported		Plugging		Wells Reported		Plugging		Wells		Pillar		Pillar		Drilling Permits	
			Coal Areas	Non-Coal Areas		Cancelled	Total	Cancelled	Drilled	Issued	Cancelled	Plugged & Abandoned	Issued	Cancelled	Abandoned	Issued	Cancelled	Permits Issued	Permits Canceled	Permits Issued	Permits Canceled	Act 359 of 1961	Issued - Canceled
1	Songer	@2	-	365	-	50	365	50	108	340	40	292	-	-	292	-	-	-	-	-	-	-	1
2	Martin	2	486	-	-	39	486	39	353	13	-	6	-	5	6	-	-	5	-	-	-	1	2
3	Ifft	5	11	5	-	3	16	3	20	18	3	22	-	45	22	-	-	45	-	-	-	7	-
4	Heeter	2	5	136	-	25	141	25	115	63	3	30	-	-	30	-	-	-	-	-	-	4	-
5	Straub	4	29	4	-	1	33	1	40	11	-	11	-	-	11	-	-	-	-	-	-	1	-
6	Gerg	4	14	11	-	2	25	2	15	15	2	15	-	12	15	-	-	12	-	-	-	-	-
7	Goble	3	3	618	-	124	621	124	256	291	1	120	-	-	120	-	-	-	-	-	-	22	1
8	Sleeman	@2	-	364	-	44	364	44	240	867	127	846	-	-	846	-	-	-	-	-	-	9	4
9	Olson	4	-	34	-	10	34	10	25	16	1	22	-	-	22	-	-	-	-	-	-	15	4
10	Burns	3	44	45	-	21	89	21	87	38	2	40	-	-	40	-	-	-	-	-	-	10	3
11	Walther	2	113	1	-	8	114	8	109	9	1	6	-	34	6	-	-	34	-	-	-	3	1
TOTAL		@33	705	1583	-	327	2288	327	1368	1681	180	1410	-	96	1410	-	-	96	-	-	+	72	+16

+ Included in Totals 2288 and 327  
@ Portion of Warren County (A) and (B) in Districts 1 and 8

TABLE #5  
SUMMARY OF ACTIVITIES BY COUNTIES AND INSPECTION DISTRICTS  
JANUARY - DECEMBER, 1973

Warren (A) - Minus - Sheffield Township  
Warren (B) - Plus - Sheffield Township

DISTRICT	Name of Inspector	County	Permits Issued Coal Areas	Permits Issued Non-Coal Areas	Reported Wells	Total	Drilling Canceled	Wells Reported Drilled	Plugging Numbers Issued	Plugging Canceled	Wells Reported Plugged & Abandoned	Pillar Permits Issued	Pillar Permits Canceled	Drilling Permits Act 359 of 1961 Issued - Canceled
(1)	(Songer)	Erie	-	12	-	12	-	6	15	9	9	-	-	-
	TOTAL	Warren (A) 2	-	353	-	353	50	102	325	31	283	-	-	1
(2)	(Martin)	Cambria	5	-	-	5	1	4	-	-	-	-	-	1
	TOTAL	Indiana 2	481	-	-	481	38	349	13	-	6	5	-	1
(3)	(Ifitt)	Bedford	-	1	-	1	-	10	1	-	1	-	-	-
		Fayette	6	-	-	6	2	3	6	2	7	-	-	-
(4)	(Heeter)	Clarion	5	9	-	14	2	13	19	-	14	-	-	-
	TOTAL	Forest 2	-	127	-	127	23	102	44	3	16	-	-	-
(5)	(Straub)	Centre	-	1	-	1	-	1	1	-	1	-	-	-
		Clearfield	29	-	-	29	1	33	5	-	5	-	-	-
(6)	(Gerg)	Beaver	9	-	-	9	2	7	7	1	9	12	-	-
		Butler	5	9	-	14	-	8	7	1	5	-	-	-
(7)		Lawrence	-	2	-	2	-	-	-	-	-	-	-	-
	TOTAL	4	14	11	-	25	2	15	15	2	15	12	-	-

TABLE #5  
SUMMARY OF ACTIVITIES BY COUNTIES AND INSPECTION DISTRICTS  
JANUARY - DECEMBER, 1973

Warren (A) - Minus - Sheffield Township  
Warren (B) - Plus - Sheffield Township

INSPECTION DISTRICT	Name of Inspector	County	Permits Issued		Reported Wells	Drilling		Wells Reported Drilled	Plugging		Wells Reported Plugged & Abandoned	Pillar Permits		Drilling Permits Act 359 of 1961 Issued - Canceled
			Coal Areas	Non-Coal Areas		Canceled	Drilling Canceled		Numbers Issued	Plugging Canceled		Issued	Canceled	
(7)	(Goble)	Crawford	-	26	-	-	-	14	2	-	7	-	-	15
		Mercer	-	20	-	-	-	7	-	-	2	-	-	2
		Venango 3	3	572	-	124	124	235	289	1	111	-	-	5
	TOTAL		3	618	-	124	124	256	291	1	120	-	-	22
(8)	(Sleeman)	McKean	-	361	-	44	44	238	863	127	844	-	-	9
		Warren (B) 2	-	3	-	-	-	2	4	-	2	-	-	-
			-	364	-	44	44	240	867	127	846	-	-	9
(9)	(Olson)	Bradford	-	2	-	-	-	2	2	-	2	-	-	2
		Potter	-	23	-	8	8	17	7	1	15	-	-	6
		Susquehanna	-	2	-	1	1	1	1	-	1	-	-	2
(10)	(Burns)	Tioga 4	-	7	-	1	1	5	6	-	4	-	-	5
			-	34	-	10	10	25	16	1	22	-	-	15
			-	34	-	10	10	25	16	1	22	-	-	15
(11)	(Walther)	Cameron	2	7	-	3	3	5	3	1	3	-	-	7
		Elk	7	18	-	4	4	26	20	1	18	-	-	2
		Jefferson 3	35	20	-	14	14	56	15	-	19	-	-	1
	TOTAL		44	45	-	21	21	87	38	2	40	-	-	10
(12)	(Walther)	Armstrong	78	1	-	7	7	78	8	1	5	34	-	3
		Westmoreland	35	-	-	1	1	31	1	-	1	-	-	-
		2	113	1	-	8	8	109	9	1	6	34	-	3
	TOTAL		113	1	-	8	8	109	9	1	6	34	-	3

TABLE #6

COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL RESOURCES  
 DIVISION OF OIL & GAS  
 ROOM 1205 - KOSSMAN BUILDING  
 100 FORBES AVENUE  
 PITTSBURGH, PENNSYLVANIA 15222  
 TELEPHONE: Area Code - 412-565-5075, 5076

CHIEF

BRUCE E. ZIEGLER

R.D. #1

Tidioute, Pennsylvania 16351

Telephone: Area 814-484-3483

## OIL AND GAS INSPECTORS AND DISTRICTS

DISTRICTS	COUNTIES			NAME AND ADDRESS
1.	Erie	Warren (less Sheffield Twp.)		CHARLES C. SONGER P. O. Box 98 Pittsfield, Penna. 16340 Telephone: Area 814-563-7853
2.	Berks Elair Cambria Columbia Dauphin Huntingdon	Indiana Juniata Lebanon Mifflin Montour Northumberland	Perry Schuylkill Snyder Union	HOWARD W. MARTIN 321 N. Eighth Street Indiana, Penna. 15701 Telephone: Area 412-463-0590
3.	Adams Bedford Bucks Chester Cumberland Delaware	Payette Franklin Fulton Greene Lancaster Montgomery	Philadelphia Somerset Washington York	JOHN A. IFPT 981 Park Avenue Washington, Penna. 15301 Telephone: Area 412-228-1942
4.	Clarion	Forest		WILLIAM H. HEETER R. D. #1 Rimersburg, Penna. 16248 Telephone: Area 814-473-3846
5.	Carbon Centre Clinton Clearfield	Lackawanna Lehigh Luzerne Lycoming	Monroe Northampton Pike Sullivan Wyoming	CHARLES P. STRAUB P. O. Box B DuBois, Penna. 15801 Telephone: Area 814-371-4031
6.	Allegheny Beaver	Butler Lawrence		JOHN H. GERG P. O. Box 961 Butler, Penna. 16001 Telephone: Area 412-287-0980
7.	Crawford	Mercer	Venango	LEON W. GOELE P. O. Box 469 224 North State Street Grove City, Penna. 16127 Telephone: Area 412-458-6661
8.	McKean	Sheffield Twp. (Warren County)		WILLIAM E. SLEEMAN 21 Van-Ettan Avenue Sheffield, Penna. 16347 Telephone: Area 814-968-3753



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
DIVISION OF OIL & GAS  
ROOM 1205 - KOSSMAN BUILDING  
100 FORBES AVENUE  
PITTSBURGH, PENNSYLVANIA 15222  
TELEPHONE: Area Code - 412-565-5075, 5076

DISTRICTS		COUNTIES		NAME AND ADDRESS
9.	Potter Tioga	Bradford Susquehanna	Wayne	CLAUDE A. OLSON P. O. Box 326 #7 West Street Coudersport, Penna. 16915 Telephone: Area 814-274-9827
10.	Elk	Cameron	Jefferson	WILLIAM J. BURNS, JR. 335 North Barnett Street Brookville, Penna. 15825 Telephone: Area 814-849-2445
11.	Armstrong	Westmoreland		RICHARD F. WALTHER 630 Southview Drive Pittsburgh, Penna. 15226 Telephone: Area 412-563-3656
<u>PETROLEUM ENGINEER</u>				CHARLES H. UPDEGRAFF Port Allegany Road Coudersport, Penna. 16915 Telephone: Area 814-274-9196



# **PITS AND QUARRIES**

**Bureau of Surface Mine Reclamation**





**PITS & QUARRIES**  
**ANNUAL REPORT 1973 \***

COUNTY	EXPLOSIVES USED		LIMESTONE USED FOR LIME	PRODUCTION OF MINERALS-NET TONS		EMPLOYEES	DAYS WORKED	NO. FATAL ACCIDENTS	NO. NON- FATAL ACCIDENTS
	NUMBER OF POUNDS OF AMMONIUM NITRATE	NUMBER OF POUNDS OF DYNAMITE		TOTAL PRODUCTION					
				MINERALS	OF				
Adams	580,830	631,750	458,400	4,219,668		315	703	-	6
Allegheny	84,400	13,300	-	75,374		23	500	-	1
Armstrong	86,650	34,490	4,105	73,840		77	670	-	5
Beaver	-	-	-	262,500		13	138	-	-
Bedford	148,125	33,600	57,635	753,137		122	510	-	2
Berks	698,735	1,223,332	40,000	5,696,680		523	4,690	-	27
Blair	227,325	74,353	-	1,046,541		99	1,003	-	1
Bucks	1,580,514	262,205	-	6,538,249		355	2,600	-	24
Butler	2,412,939	423,872	12,000	1,688,654		164	1,894	-	2
Cambria	1,500	600	-	3,000		6	90	-	-
Carbon	102,540	44,970	17,115	425,076		33	1,083	-	8
Centre	368,090	155,253	-	1,236,866		125	732	-	4
Chester	1,001,732	572,139	444,158	3,684,125		183	1,613	-	11
Clarion	422,400	37,200	8,000	199,387		43	226	-	1
Clearfield	601,897	31,774	-	3,167,607		123	3,388	-	2
Clinton	257,712	100	-	29,283		70	698	-	-
Columbia	127,500	3,550	-	80,000		22	370	-	-
Crawford	-	-	-	738,821		77	795	1	14
Cumberland	291,475	351,950	20,566	2,392,176		290	2,272	-	25
Dauphin	314,575	604,667	-	1,830,384		155	969	-	7
Delaware	349,131	411,350	-	1,564,415		101	743	-	1
Erie	-	-	-	549,398		53	894	-	1
Fayette	1,315,560	178,031	-	1,014,043		178	807	-	1
Forest	-	-	-	8,000		1	45	-	-
Franklin	83,600	296,854	7,897	652,375		83	986	-	18
Fulton	168,420	28,151	1,600	308,600		42	530	-	-
Huntingdon	243,070	332,146	-	1,457,173		242	886	-	18
Indiana	31,000	1,250	-	144,331		19	242	-	-
Jefferson	12,000	70,700	-	139,382		13	506	-	3
Juniata	211,150	85,400	-	576,600		16	275	-	1
Lancaster	514,420	1,224,152	101,845	4,336,416		228	3,634	1	27

COUNTY	EXPLOSIVES USED			PRODUCTION OF MINERALS-NET TONS			EMPLOYEES WORKED	DAYS WORKED	NO. FATAL ACCIDENTS	NO. NON-FATAL ACCIDENTS
	AMMONIUM NITRATE	NUMBER OF POUNDS OF DYNAMITE	LIMESTONE USED FOR LIME	TOTAL PRODUCTION						
				OF MINERALS						
Lawrence	2,208,933	315,210	1,015,500	2,301,800	273	3,819	-	18		
Lebanon	550,000	750,733	980,428	3,382,203	262	858	-	87		
LeHigh	621,547	1,248,122	538,230	2,924,657	644	2,175	-	11		
Luzerne	-	-	144,208	220,726	19	275	-	-		
Lycoming	829,646	-	-	-	76	958	-	3		
McKean	55,515	9,295	-	15,600	2	260	-	-		
Mercer	62,050	66,410	-	924,055	112	1,181	-	4		
Mifflin	57,025	49,888	-	621,201	103	881	-	2		
Monroe	52,040	53,560	75,000	749,377	47	903	-	2		
Montgomery	1,036,446	535,046	20,350	4,987,550	370	2,175	-	16		
Montour	307,736	2,500	78,000	78,000	26	260	-	-		
Northampton	936,864	705,081	190,000	6,719,769	1,882	4,611	-	43		
Northumberland	230,350	120,440	-	552,098	173	1,020	-	-		
Perry	5,000	350	-	179,994	15	260	-	-		
Schuylkill	166,330	66,075	-	746,390	108	661	-	6		
Somerset	119,500	127,100	-	356,643	70	463	-	2		
Union	116,820	118,802	-	522,070	147	725	-	-		
Venango	14,000	8,303	-	274,621	91	781	-	-		
Warren	76,250	30,150	-	640,447	165	1,212	-	2		
Washington	8,350	44,400	-	254,990	33	434	-	2		
Westmoreland	865,245	323,089	-	1,405,366	172	1,587	-	2		
York	387,073	710,096	-	4,815,035	377	2,472	-	15		
TOTAL	20,939,510	12,411,789	4,214,137	77,464,693	8,861	62,463	2	425		

\* All tonnage was not reported at the time of publication.

ADAMS COUNTY

Harry T. Campbell Sons' Co.  
Division of the Flintkote Co.  
P. O. Box 128  
Gettysburg, Pa. 17325

Bethlehem Mines Corporation  
Martin Tower  
Bethlehem, Pa. 18016

GAF Corporation  
P. O. Box "O"  
Blue Ridge Summit, Pa. 17214

ALLEGHENY COUNTY

Charles J. Fleck  
4316 Campbells Run Rd.  
Pittsburgh, Pa. 15205

McShane Contracting Co., Inc.  
1910 Cochran Road  
Pittsburgh, Pa. 15220

ARMSTRONG COUNTY

Manor Minerals, Inc.  
265 S. Jefferson St.  
Kittanning, Pa. 16201

Davison Sand & Gravel Co.  
3rd Avenue & 4th Street  
New Kensington, Pa. 15068

The Logan Clay Products Co.  
Worthington, Pa. 16262

BEAVER COUNTY

Shippingport Sand & Gravel Co.  
1200 Stambaugh Bldg.  
Youngstown, Ohio 44501

BEDFORD COUNTY

Feight Bros.  
R. D. #2  
Everett, Pa. 15537

New Enterprise Stone & Lime Co.  
New Enterprise, Pa. 16664  
(Ashcom Plant)

New Enterprise Stone & Lime Co.  
New Enterprise, Pa. 16664  
(Weyant Plant)

BERKS COUNTY

Martin Stone Quarries, Inc.  
Box 157  
Bechtelsville, Pa. 19505

Eastern Industries, Inc.  
P. O. Box 3188  
Wescosville, Pa. 18090

Eastern Industries, Inc.  
P. O. Box 3188  
Wescosville, Pa. 18090

BERKS COUNTY (Continued)

Berks Silica Sand Corp.  
Main & Noble Sts., P. O. Box 92  
Kutztown, Pa. 19530

Allentown Portland Cement Co.  
Evansville, Pa. 19521  
Quarry #5, Richmond Twp.  
Evansville Quarry  
Oley #1 Quarry  
Oley #2 Quarry

E. J. Breneman, Inc.  
P. O. Box 478  
Pottstown, Pa. 19464

C. D. Winters  
Robesonia, Pa. 19551

Keystone Quarry Co.  
P. O. Box 239  
Kutztown, Pa. 19530

No. 1 Contracting Corp.  
of Delaware  
P. O. Box 450  
Pittston, Pa. 18640

Glen Gery Corp.  
P. O. Box 1542  
Reading, Pa. 19603  
(Schoffer Quarry)  
(Bern Twp.)  
(Shoemakersville)

Charles S. Gabel, Inc.  
217 N. Franklin St.  
Boyertown, Pa. 19512

Berks Products Corp.  
726 Spring St.  
Reading, Pa.

Pottstown Trap Rock Quarries  
#1 Quarry Road  
Douglassville, Pa. 19518

The General Crushed Stone Co.  
P. O. Box 231  
Easton, Pa. 18042

The John T. Dyer Quarry  
P. O. Box 188  
RD #3  
Birdsboro, Pa. 19508

Emory C. Rarick  
Box 283  
Morgantown, Pa. 19543

Grannas Bros. Stone & Asphalt Co.  
R. D. #2, Box 399  
Hollidaysburg, Pa. 16648

BLAIR COUNTY

New Enterprise Stone & Lime Co.  
New Enterprise, Pa. 16664  
(Roaring Springs Quarry)

BLAIR COUNTY (Continued)

Eldorado Stone Co.  
5911 California Avenue  
Altoona, Pa.

BUCKS COUNTY

Blooming Glen Quarry  
P. O. Box 37  
Blooming Glen, Pa. 18911

M & M Stone Company  
Harleysville, Pa. 19438

The General Crushed Stone Co.  
P. O. Box 231  
Easton, Pa. 18042

Better Materials Corp.  
Swamp Road  
Penns Park, Pa. 18943

Miller Quarries, Inc.  
Rushland, Pa. 18956

Bucks County Crushed Stone, Inc.  
2301 5th St.  
Perkasie, Pa. 18944

Edison Quarry  
R. D. #3  
Doyletown, Pa. 18901

New Hope Crushed Stone & Lime Co.  
New Hope, Pa. 18938

H & K Materials, Inc.  
P. O. Box 1  
Chalfont, Pa. 18914

Warner Company  
1721 Arch Street  
Philadelphia, Pa.

BUTLER COUNTY

Sechan Limestone Inc.  
Plant #3, R. D. #1  
Portersville, Pa. 16051

Sechan Limestone Inc.  
Plant #2, R. D. #1  
Portersville, Pa. 16051

Spang & Co. Ferroslog Div.  
P. O. Box 751  
Butler, Pa. 16001

Allegheny Mineral Corp.  
P. O. Box 10  
Kittanning, Pa. 16201

Grove City Limestone  
Branchton, Pa. 16021

Highway Sand Gravel Co.  
#2  
Slippery Rock, Pa. 16057

Cooper Bros.  
#2  
Slippery Rock, Pa. 16057

H. W. Cooper  
#2  
Slippery Rock, Pa. 16057

BUTLER COUNTY (Continued)

Annandale Sandstone Co.  
Boyers, Pa. 16020

CAMBRIA COUNTY

Nicosia Stone Quarry  
306 Cooper Avenue  
Johnstown, Pa. 15906

CARBON COUNTY

Ernest & Oscar Renda  
Alliance Sand Co.  
R. D. #3 County Line Road  
Sommerville, New Jersey 08876

North American Refractories  
Cleveland, Ohio 44114

Refractory Sand Co. Inc.  
Ringtown, Pa. 17967

CENTRE COUNTY

Herbert R. Imbt, Inc.  
P. O. Box 155  
State College, Pa. 16801  
(Curtin Gap Plant)  
(Jacksonville Plant)

Martin Marietta Aggregates  
P. O. Box 507  
Malvern, Pa. 19355

Neidigh Bros. Limestone Co.  
813 W. Beaver Avenue  
State College, Pa. 16801

CHESTER COUNTY

Warner Company  
1721 Arch Street  
Philadelphia, Pa.  
(Cedar Hollow Plant)

Philip T. Minor  
Avondale, Pa. 19311

Caln Building Stone Corp.  
R. D. #1  
Zion Grove, Pa. 17985

Devault Stone Co.  
P. O. Box 174  
Norristown, Pa. 19404

The General Crushed Stone Co.  
Box 231  
Easton, Pa. 18042

Martin Marietta Aggregates  
Box 507  
Malvern, Pa. 19355

Albert Rotuno  
Rose Hill & Oakland Avenue  
West Grove, Pa. 19390

CLARION COUNTY

Glacial Sand & Gravel Co.  
P. O. Box 10  
Kittanning, Pa. 16201



CLARION COUNTY (Continued)

Allegheny Mineral Corp.  
P. O. Box 10  
Kittanning, Pa. 16201

Emlenton Limestone Co. Inc.  
P. O. Box 1128  
Oil City, Pa. 16301

Zacherl Coal Co., Inc.  
Lucinda, Pa. 16235

CLEARFIELD COUNTY

Lansberry Coal & Excavating Co.  
R. D. #1  
Woodland, Pa. 16881

Crescent Brick Co., Inc.  
Clearfield Clay Products Div.  
P. O. Box 1110  
Clearfield, Pa. 16830

Harbison-Walker Refractories  
2 Gateway Center  
Pittsburgh, Pa. 15222

Thomas Bros. Coal Co.  
Grampian, Pa. 16838

Ardell B. Hamer  
Wallaceton, Pa. 16876

Reese Bros.  
Houtzdale, Pa. 16651

Hepburnia Coal Co.  
Grampian, Pa. 16838

K & H Company  
P. O. Box 22  
Grampian, Pa. 16838

Crescent Brick Co., Inc.  
Clearfield Clay Products Div.  
P. O. Box 1110  
Clearfield, Pa. 16830

Union Clay Co., Inc.  
Grampian, Pa. 16838

James T. Crissman, Inc.  
P. O. Box 274  
Clearfield, Pa. 16830

CLINTON COUNTY

Lycoming Silica Sand Company  
420 Broad Street  
Montoursville, Pa. 17754

Fink & Stackhouse Inc.  
2325 Newberry Street  
Williamsport, Pa.

Mill Hall Clay Products Inc.  
44 Market  
Mill Hall, Pa. 17751

Fishingcreek Construction Co.  
R. D. #4  
Bloomsburg, Pa. 17815

CRAWFORD COUNTY

379

Atlas Sand & Gravel Inc.  
P. O. Box 5  
Hartstown, Pa. 16131

Meadville Redi-Mix Concrete  
P. O. Box 418, R. D. #6  
Meadville, Pa. 16335

Danforth & Wood  
R. D. #3  
Conneaut Lake, Pa. 16316

Emlenton Limestone Co.  
P. O. Box 1128  
Oil City, Pa. 16301

W. L. Dunn Construction Co.  
Cochrannton, Pa. 16314

Joseph Arendash  
R. D. #3  
Conneautville, Pa. 16406

Hasbrouck Sand & Gravel  
R. D. 4  
Titusville, Pa. 16354

Conneaut Lake Sand & Gavel  
Conneaut Lake, Pa. 16316

Virgil Faust  
R. D. #1  
Conneaut Lake, Pa. 16316

CUMBERLAND COUNTY

Hempt Bros. Inc.  
205 Creek Road  
Camp Hill, Pa. 17011

Valley Quarries  
R. D. #8  
Chambersburg, Pa. 17201

Fiala Inc.  
P. O. Box 605  
Camp Hill, Pa. 17011

R. A. Bender & Son  
P. O. Box 73  
Mt. Holly Springs, Pa. 17065

Carlisle Clay Inc.  
P. O. Box 5668  
Cleveland, Ohio 44101

Union Quarries, Inc.  
P. O. Box 686  
Carlisle, Pa. 17013

Pennsy Supply Inc.  
1001 Paxton Street  
Harrisburg, Pa. 17105

Bobali Corp.  
1001 Paxton Street  
Harrisburg, Pa. 17105

Locust Point Quarries, Inc.  
Box 289  
Mechanicsburg, Pa. 17033

DAUPHIN COUNTY

Hempt Bros. Inc.  
205 Creek Road  
Camp Hill, Pa. 17011

Pennsy Supply Inc.  
1001 Paxton Street  
Harrisburg, Pa. 17105

Faylor-Middlecreek Inc.  
Winfield, Pa. 17889

DELAWARE COUNTY

The General Crushed Stone Co.  
P. O. Box 231  
Easton, Pa. 18042

Media Quarry Co.  
131 E. 2nd St.  
Media, Pa.

Carl Galantino, Inc.  
42 Hirst Ave.  
E. Lansdowne, Pa.

ERIE COUNTY

Emlenton Limestone Co. Inc.  
P. O. Box 1128  
Oil City, Pa. 16301

Adam W. Nicholson  
2021 East 12th St.  
Waterford, Pa. 16441

West Ridge Gravel Co.  
R. D. #2, Fairplain Road  
Girard, Pa. 16417

Curt Hoover & Sons  
Harborcreek, Pa. 16421

Ganzer Sand & Gravel  
Harborcreek, Pa. 16421

Ronald L. Crosscut  
R. D. #4  
Corry, Pa. 16407

Union City Sand & Gravel Inc.  
Union City, Pa. 16438

FAYETTE COUNTY

Martin Marietta Aggregates  
Northeast Division  
66 Long Clove Road  
Congers, New York 10920

Commercial Stone Co. Inc.  
P. O. Box 208  
Belle Vernon, Pa. 15012

Kaiser Refractories  
P. O. Box 60  
Frostburg, Pa. 15740

FOREST COUNTY

Jack J. Kuntz, Owner  
East Hickory, Pa. 16321

FRANKLIN COUNTY

Valley Quarries, Inc.  
R. D. #8  
Chambersburg, Pa. 17201

Mt. Clydonia Sand  
R. D. #1  
Fayetteville, Pa. 17222

New Enterprise Stone & Lime Co.  
New Enterprise, Pa. 16664  
(Dry Run Plant)

FULTON COUNTY

H. B. Mellott Estate Inc.  
328 N. 2nd Street  
McConnellsburg, Pa. 17233  
(Mortons Quarry)  
(Warfordsburg Quarry)  
(Sand Quarry)

HUNTINGDON COUNTY

Union Furnace Quarry  
Warner Company  
P. O. Box 448  
Bellefonte, Pa. 16823

New Enterprise Stone & Lime Co.  
New Enterprise, Pa. 16664  
(McConnellstown Plant)  
(Hesston Quarry)

Pennsylvania Glass Sand Corp.  
Berkeley Springs, W. Va. 25411  
(Keystone Fireworks)  
(Mapleton Depot)

INDIANA COUNTY

Eidemiller Enterprises, Inc.  
R. D. #8  
Greensburg, Pa. 15601

Marion Center Mining Co.  
Marion Center, Pa. 15759

The Brockway Clay Co.  
Brockway, Pa. 15824

JEFFERSON COUNTY

Hanley Company  
Summerville, Pa. 15864

JUNIATA COUNTY

D. E. Smith, Inc.  
R. D. #2  
Mifflintown, Pa. 17059

LANCASTER COUNTY

Binkley & Ober Inc.  
East Petersburg, Pa. 17520

Narbon Products, Inc.  
Keller Avenue & Fruitville Pike  
Lancaster, Pa. 17601

LANCASTER COUNTY (Continued)

Blue Ball Stone Co.  
Blue Ball, Pa. 17506

Union Quarries, Inc.  
P. O. Box 686  
Carlisle, Pa. 17013

David M. Burkholder, Inc.  
R. D. #3  
Ephrata, Pa. 17522

Union Quarries, Inc.  
P. O. Box 686  
Carlisle, Pa. 17013  
(Rheems Plant)

Lancaster Lime & Stone Corp.  
930 Pointview Ave.  
Ephrata, Pa. 17522

J. Miller Eshleman & Son, Inc.  
P. O. Box 295  
Landisville, Pa. 17538

H. R. Miller Co.  
1756 Wabank Road  
Lancaster, Pa.

A. G. Kurtz, Inc.  
R. D. #1  
Denver, Pa. 17517

D. M. Stoltzfus & Son, Inc.  
Talmadge, Pa. 17580

Milton Grove Sand, Inc.  
P. O. Box 7  
East Petersburg, Pa. 17520

Rohrer's Quarry, Inc.  
R. D. #3  
Lititz, Pa. 17543

Gerhart Road Materials, Inc.  
P. O. Box 232  
Lititz, Pa. 17543

LAWRENCE COUNTY

Ralph A. Veon, Inc.  
P. O. Box 326  
Darlington, Pa. 16115

Russell Sch  
1700 Pulaski Road  
New Castle, Pa. 16105

Vanport Sand & Gravel Inc.  
P. O. Box 144  
Edinburg, Pa. 16116

New Castle Lime & Stone Co.  
Temple Building  
New Castle, Pa. 16101

Mooney Bros. Supply Co.  
133 Mahoning Ave.  
New Castle, Pa. 16101

Joe DePolo  
1 East Sheridan Ave.  
New Castle, Pa. 16101

LAWRENCE COUNTY (Continued)

Medusa Cement Co.  
P. O. Box 5668  
Cleveland, Ohio

Fenati Brick Co.  
New Castle, Pa. 16101

Mahoning Valley Sand Co.  
P. O. Box 1236  
New Castle, Pa. 16101

McQuiston Coal Co.  
109 E. Moody Ave.  
New Castle, Pa. 16101

Superior Sand & Supply  
R. D. #5  
New Castle, Pa. 16101

Jack M. Randall  
R. D. #3  
New Castle, Pa. 16101

D. M. Boyd Co.  
226 Francis Street  
New Wilmington, Pa. 16142

H. W. Cooper & Sons  
R. D. #2  
Slippery Rock, Pa. 16057

LEBANON COUNTY

Calcite Quarry Corp.  
P. O. Box 629, R. D. #1  
Lebanon, Pa. 17042

Bethlehem Mines Corp.  
Bethlehem, Pa. 18016

Sheridan Slag Co.  
P. O. Box 9  
Lebanon, Pa. 17042

H. J. Smith & Son  
R. D. #1, P. O. Box 200  
Annville, Pa. 17003

LEHIGH COUNTY

Roy J. Kern  
2575 Main Street  
Schnecksville, Pa. 18078

Lehigh Stone Co.  
R. D. #1  
Coplay, Pa. 18037

Whitehall Cement Co.  
5160 Main Street  
Whitehall, Pa.  
(Ormrod Quarry)  
(Cementon Quarry)

Penn Big Bed Slate Co.  
P. O. Box 184  
Slatington, Pa. 18080

Eastern Industries, Inc.  
P. O. Box 3188  
Wescosville, Pa. 18090  
(Ormrod Quarry)  
(Whitehall Quarry)

LEHIGH COUNTY (Continued)

Coplay Cement Mfg. Co.  
Nazareth, Pa. 18064

New Jersey Zinc Co.  
2045 City Line Road  
Bethlehem, Pa. 18017

LUZERNE COUNTY

J. A. & W. A. Hess, Inc.  
P. O. Box 645  
Hazleton, Pa. 18201

Honeyhole Sand & Stone  
175 N. Cedar St.  
Hazleton, Pa. 18201

LYCOMING COUNTY

Iycoming Silica Sand Co.  
420 Broad Street  
Montoursville, Pa. 17754  
(Jersey Shore)  
(Muncy)  
(Loyalsock)

McKEAN COUNTY

John Morgan Sack II  
P. O. Box 640  
Kane, Pa. 16735

Hanley Company  
12 Hanley Drive  
Lewis Run, Pa. 16738

MERCER COUNTY

White Rock Sand Co.  
Methodist Road  
Pittsburgh, Pa.

Atlas Sand & Gravel Inc.  
P. O. Box 5  
Hartstown, Pa. 16131

Seidle Sand & Gravel Inc.  
R. D. #7  
Mercer, Pa. 16137

Dunbar Slag Co.  
P. O. Box 666  
Sharon, Pa.

J. L. & J. S. Berringer  
R. D. #1  
Harrisville, Pa. 16038

Greenville Materials, Inc.  
P. O. Box 245  
Greenville, Pa. 16125

Ralph M. Risch  
110 S. Pike Road  
Sarver, Pa. 16055

J. Alvin Taylor  
P. O. Box 661  
Sharon, Pa.

MIFFLIN COUNTY

Pennsylvania Glass Sand  
Berkeley Springs, W. Va. 25411

Derry Limestone Co., Inc.  
R. D. #1  
Lewistown, Pa. 17044

Faylor Middlecreek Inc.  
Windfield, Pa. 17889

MONROE COUNTY

Universal Atlas Cement  
600 Grant Street  
Pittsburgh, Pa.

Lehigh Valley Sand & Gravel  
R. D. #1  
Saylorsburg, Pa. 18353

Herbert R. Imbt, Inc.  
State College, Pa. 16801

Eastern Industries, Inc.  
P. O. Box 3188  
Wescosville, Pa. 18090

MONTGOMERY COUNTY

M & M Stone Co.  
Harleysville, Pa. 19438

Pottstown Trap Rock  
#1, Quarry Road  
Douglassville, Pa. 19518

Kibblehouse Quarries, Inc.  
P. O. Drawer E  
Bridgeport, Pa.

Mignati Construction Co.  
2310 Terwood Drive  
Huntingdon Valley, Pa. 19006

Glasgow Quarry, Inc.  
Glenside, Pa.  
(McCoy Quarry)  
(Ivy Rock Quarry) 19038

Harry R. Gill  
P. O. Box 187  
Fairview Village, Pa. 19434

Montgomery Stone Company  
Upper State Road  
Montgomeryville, Pa. 18936

MONTOUR COUNTY

Iycoming Silica Sand Co.  
420 Broad Street  
Montoursville, Pa. 17754  
(Milton Quarry)

Royers Lime Quarry  
R. D. #2  
Milton, Pa. 17847



NORTHAMPTON COUNTY

Coplay Cement Mfg. Co.  
Nazareth, Pa. 18064

Lone Star Industries  
1 Greenwich Plaza  
Greenwich, Conn.

Alpha Aggregates  
Alpha Bldg. 15 S. Third St.  
Easton, Pa.

Anthony Dally & Sons, Inc.  
Pen Argyl, Pa. 18072

Diamond Slate Co.  
R. D. #1  
West Pen Argyl, Pa.

Doney Slate Co.  
West Pen Argyl, Pa.

Universal Atlas Cement  
600 Grant Street  
Pittsburgh, Pa.

Martin Marietta Cement  
P. O. Box 5618  
Baltimore, Maryland

Keystone Portland Cement  
Bath, Pa. 18014

National Portland Cement  
P. O. Box 2387  
Bethlehem, Pa.

Penn Dixie Cement Corp.  
Plant #4  
P. O. Box 152  
Nazareth, Pa. 18064

Albion Vein Slate Co.  
Stoddard Slate Companies  
P. O. Box 67  
Bangor, Pa. 18013

Emerald Slate Corp.  
P. O. Box 187  
Windgap, Pa. 18091

Houdaille Construction Materials, Inc.  
P. O. Box 405  
Portland, Pa. 18351

Bethlehem Mines Corp.  
8th & Eaton Aves.  
Bethlehem, Pa. 18016

The Trumbower Co.  
Easton Road  
Nazareth, Pa. 18064

Hercules Cement Co.  
Bethlehem, Pa.

NORTHUMBERLAND COUNTY

Faylor-Middlecreek Inc.  
Winfield, Pa. 17889

Glen-Gery Corporation  
Box 1542  
Reading, Pa.

NORTHUMBERLAND COUNTY (Continued)

Watsontown Brick Co.  
Box 68  
Watsontown, Pa. 17777

Bear Gap Stone Inc.  
R. D. #1  
Elysburg, Pa. 17824

Meckleys Limestone Products  
R. D. #1  
Herndon, Pa. 17830

PERRY COUNTY

General Crushed Stone Company  
Easton, Pa. 18042

SCHUYLKILL COUNTY

Refractory Sand Co.  
Ringtown, Pa. 17969

Huss Contracting Co.  
Ringtown, Pa. 17969

Summit Quarries  
P. O. Box 84  
Summit Station, Pa. 18250

SOMERSET COUNTY

Somerset Limestone Co.  
New Enterprise, Pa. 16664

Rodamer Concrete Co.  
Springs, Pa. 15562

New Enterprise Stone & Lime Co.  
Detwiler Ind. Central City Plant  
New Enterprise, Pa. 16664

General Refractories Co.  
1520 Locust St.  
Philadelphia, Pa.

UNION COUNTY

Faylor-Middlecreek Inc.  
Winfield, Pa. 17889

Glen-Gery Corporation  
Box 1542  
Reading, Pa.

John L. Iddings  
Mifflinburg, Pa. 17844

VENANGO COUNTY

J. L. & J. S. Berringer  
R. D. #1  
Harrisville, Pa. 16038

Vincent Excavating & Gravel  
R. D. #3  
Franklin, Pa. 16323

B. Jean Strawbridge  
R. D. #2  
Titusville, Pa. 16354

PGS Venango Plant  
Pa. Glass Sand Corp.  
Berkeley Springs, W. Va. 25411

VENANGO COUNTY (Continued)

Oil City Sand & Gravel Co.  
P. O. Box 1128  
Oil City, Pa. 16301

Lewis Phillips  
910 Rocky Grove Ave.  
Franklin, Pa. 16323

Tionesta Sand & Gravel Inc.  
P. O. Box 208  
Hawthorn, Pa. 16230

WARREN COUNTY

Emlenton Limestone Co.  
P. O. Box 1128  
Oil City, Pa. 16301

George W. Yeagle  
P. O. Box 924  
Warren, Pa. 16365

Warren Sand & Gravel Co.  
P. O. Box 1128  
Oil City, Pa. 16301

General Concrete Products Corp.  
P. O. Box 1128  
Oil City, Pa. 16301

Sherman Company  
P. O. Box 208  
Hawthorn, Pa. 16230

Tionesta Sand & Gravel Inc.  
P. O. Box 208  
Hawthorn, Pa. 16230

Brokenstraw Gravel Inc.  
P. O. Box 77  
Pittsfield, Pa. 16340

WASHINGTON COUNTY

Washington Stone Co., Inc.  
69 Lakeview Drive  
Washington, Pa. 15301

Donald F. Connelly Co.  
P. O. Box 147  
Eightyfour, Pa. 15330

WESTMORELAND COUNTY

West Penn Quarries, Inc.  
P. O. Box 173  
Blairsville, Pa. 15717

Mr. Carl Hoover  
R. D. 4, Box 165  
Greensburg, Pa.

WESTMORELAND COUNTY (Continued)

Penn Aggregates  
R. D. #1  
Irwin, Pa. 15642

Eidemiller Enterprises, Inc.  
R. D. #8  
Greensburg, Pa.

Paul Kendi & Sons  
100 Seventh Street  
Scottdale, Pa. 15683

Lynn & Hall Co., Inc.  
P. O. Box 628  
Smithton, Pa. 15479

Commercial Stone Co.  
P. O. Box 208  
Belle Vernon, Pa. 15012

YORK COUNTY

York Stone & Supply Co.  
Roosevelt Ave. at Fahs Street  
P. O. Box 1948  
York, Pa. 17405  
(Silica Quarry)  
(Limestone Quarry)

White Pigment Corp.  
P. O. Box 881, R. D. #6  
York, Pa.  
(Thomasville Quarry)  
(York Quarry)

Kline's Quarry, Inc.  
P. O. Box 130  
Wrightsville, Pa. 17368

Medusa Cement Co.  
Cleveland, Ohio

Thomasville Stone & Lime Co.  
Thomasville, Pa. 17364

Bobali Corp.  
1001 Paxton Street  
Harrisburg, Pa. 17105

Codorus Stone & Supply Co.  
700 North Sherman Street  
York, Pa.

Standard Concrete Products Co.  
700 North Sherman Street  
York, Pa.

National Gypsum Company  
325 Delaware Avenue  
Buffalo, New York

ADAMS COUNTY

Diabase  
Ledger Limestone  
Conestoga Limestone  
Catoclin  
Meta-Basalt

ALLEGHENY COUNTY

Sandstone

ARMSTRONG COUNTY

Freeport  
Vanport  
Clarion Clay

BEAVER COUNTY

Glacial Deposit River Terrace

BEDFORD COUNTY

Oriskany  
Limestone  
Chemung Sandstone

BERKS COUNTY

Silica  
Annville Limestone  
Beekmantown  
Gannister Rock  
Jacksonberg  
Hershey  
Conococheague  
Limestone  
Shale  
Martinsburg  
Sandstone  
Trap Rock  
Diabase

BLAIR COUNTY

Limestone  
Belfonte-Axemann  
Ellenberger Limestone  
Hagerstown  
Morrison  
Berks

BUCKS COUNTY

Trap Rock  
Argillite  
Diabase  
Locatong  
Glacial Sand & Gravel

BUTLER COUNTY

Vanport  
Slag  
Sandstone

CARBON COUNTY

Sandstone  
Oriskany

CENTRE COUNTY

Bellefonte Dolomite  
Axemann Limestone  
Nittany Dolomite  
Nealmont  
Benner  
Hatter  
Loysburg  
Valentine  
Stover  
Centre Hall  
Valley View

CHESTER COUNTY

Avondale Brown Stone  
Sandstone  
Gneiss  
Limestone  
Ledger

CLARION COUNTY

Glacial  
Vanport

CLEARFIELD COUNTY

"C" Clay  
Clarion  
Middle Kittanning  
Brookville  
Plastic Fire Clay  
Hard Clay  
Shale

CLINTON COUNTY

Coburn  
Salona  
Mercer Clay  
Shale

COLUMBIA COUNTY

Red Sandstone  
Tonoloway

CRAWFORD COUNTY

Bank Gravel  
Sand & Gravel  
Braceville Gravelly Loam  
Glacial  
Gravel

CUMBERLAND COUNTY

Beekmantown  
Kaolin  
Limestone  
River Sand & Gravel  
St. Paul

DAUPHIN COUNTY

Epler  
Limestone  
Sand & Gravel  
Sandstone

DELAWARE COUNTY

Gneiss  
Gabbro  
Mica Schist

ERIE COUNTY

Glacial  
Sandy Loam  
Gravel  
Bank Gravel  
Sand Gravel

FAYETTE COUNTY

Loyalhanna  
Kittanning

FOREST COUNTY

Glacier

FRANKLIN COUNTY

Beekmantown  
Conococheague  
Elbrook  
Sandstone  
Hi-Calcium Limestone  
Limestone

HUNTINGDON COUNTY

Cambro-Ordovician Limestone  
Keiser-Tonoloway  
Oriskany

INDIANA COUNTY

Sandstone  
Clay

JEFFERSON COUNTY

Clarion Clay

JUNIATA COUNTY

Silurian

LANCASTER COUNTY

Lower Kittanning  
Vanport Limestone  
Shale Fire Clay  
Sand & Gravel

LEBANON COUNTY

Annville  
Beekmantown  
Myerstown  
Blast Furnace Slag  
Buffalo Springs

LEHIGH COUNTY

Limestone  
Jacksonburg  
Slate  
Beekmantown  
Ordovician  
Ore Zone

LUZERNE COUNTY

Sand & Gravel  
Pleistocene Terrace  
Loysburg  
Tonoloway  
Keyser

LYCOMING COUNTY

Pleistocene Terrace  
Oriskany

MCKEAN COUNTY

Shale

MERCER COUNTY

Glacial  
Slag  
Gravel  
Conglomerate  
Oriskany

MIFFLIN COUNTY

Sedimentary Rock  
Calcium Carbonate  
Sandstone  
Limestone

MONROE COUNTY

Sand & Gravel  
Bossardsville Limestone  
Okorinsky

MONTGOMERY COUNTY

Argillite  
Trap Rock  
Intrusive Igneous  
Diabase  
Brunswick  
Granite Gneiss  
Ledger Dolomite  
Locatong

MONTOUR COUNTY

Tonoloway  
Keyser  
Limestone

NORTHAMPTON COUNTY

Jacksonburg  
Quaternary Alluvium  
Slate Belt  
Slate  
Sand & Gravel  
Allentown

NORTHUMBERLAND COUNTY

Sandstone  
Bloomsburg Shale  
Heldersburg  
Keyser  
Tonoloway

PERRY COUNTY

Sandstone



SCHUYLKILL COUNTY

Sandstone  
Limestone  
Argillite  
Loyalhanna Limestone  
Pocono Sandstone

SOMERSET COUNTY

Freeport Sandstone  
Pottsville Sand & Stone  
Mercer Clay

UNION COUNTY

Limestone  
Clinton Shale

VENANGO COUNTY

Gravel  
Sand  
Homewood

WARREN COUNTY

Glacial

WASHINGTON COUNTY

Upper Washington Limestone  
Sandstone

WESTMORELAND COUNTY

Blue Rock  
Sandstone  
Limestone  
Sewickley Sandstone  
Benwood Limestone

YORK COUNTY

Silica Sand  
Kinzers  
Calcium Carbonate  
Magnesium Carbonate  
Limestone

1973

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